

PDRSF 11.3.46.1 v.3  
2/27/09

USEPA SF



1372268

Permit Number: 1200-Z  
Effective: July 1, 2007  
Expiration: June 30, 2012  
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GENERAL PERMIT  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
STORM WATER DISCHARGE PERMIT  
Department of Environmental Quality  
811 S.W. Sixth Avenue, Portland, OR 97204  
Telephone: (503) 229-5630 or 1-800-452-4011 toll free in Oregon  
Issued pursuant to ORS 468B.050 and The Federal Clean Water Act

ISSUED TO: 12/7/07 GEN 12-Z MULTNOMAH/NWR  
File No: 54175 ORG340007

MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW Front Ave  
Portland, OR 97210-1114

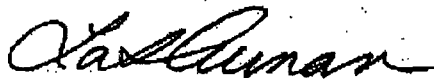
Site: MCCALL MARINE TERMINAL

SOURCES THAT ARE REQUIRED TO OBTAIN COVERAGE UNDER THIS PERMIT

Pursuant to 40 Code of Federal Regulation (CFR) § 122.26(b)(14)(i - ix, xi) and OAR 340-045-0033(5), facilities identified in *Table 1: Sources Covered* on p. 3 below that may discharge stormwater from a point source to surface waters or to conveyance systems that discharge to surface waters. These facilities must complete the application and registration procedures to obtain coverage under the permit; see *Permit Coverage and Exclusion from Coverage* on p. 5 below.

Note:

- 1) Facilities may apply for conditional exclusion from the requirement to register for coverage under this permit if there is no exposure of industrial activities and materials to stormwater pursuant to 40 CFR § 122.26(g); see *Permit Coverage and Exclusion from Coverage* on p. 5 below.
- 2) Sources meeting the description above, but that are excluded from this permit include: (i) Construction activities, asphalt mix batch plants, concrete batch plants and Standard Industrial Classification code 14, *Mining and Quarrying of Nonmetallic Minerals, Except Fuels*. These activities are regulated under separate general permits; and (ii) any source that has obtained a individual NPDES permit for the discharge.



Lauri Aunan, Administrator  
Water Quality Division

Date: August 23, 2006

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permit registrant is authorized to construct, install, modify, or operate stormwater treatment or control facilities, and to discharge stormwater to public waters in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:



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Unless specifically authorized by this permit, by regulation issued by EPA, by another NPDES or WPCF permit, or by Oregon Administrative Rule, any other direct or indirect discharge to waters of the state is prohibited, including discharges to an underground injection control system.

Schedule F contains General Conditions that are included in all general permits issued by DEQ. Should conflicts arise between Schedule F and any other schedule of the permit, the requirements in Schedule F will not apply.



# TABLE 1. SOURCES COVERED

Types of Industrial Sources Required to Obtain Coverage under this Permit

Facilities with the following primary Standard Industrial Classification (SIC) codes:

- 10 Metal Mining
- 12 Coal Mining
- 13 Oil and Gas Extraction
- 20 Food and Kindred Products
- 21 Tobacco Products
- 22 Textile Mill Products
- 23 Apparel and Other Finished Products Made From Fabrics and Similar Material
- 24 Lumber and Wood Products, Except Furniture and 2491 Wood Preserving. (Activities with SIC 2411 Logging that are defined in 40 CFR §122.27 as silvicultural point source discharges are covered by this permit.)
- 25 Furniture and Fixtures
- 26 Paper and Allied Products
- 27 Printing, Publishing and Allied Industries
- 28 Chemicals and Allied Products (excluding 2874 Phosphate Fertilizer Manufacturing)
- 29 Petroleum Refining and Related Industries
- 30 Rubber and Miscellaneous Plastics Products
- 31 Leather and Leather Products
- 32 Stone, Clay, Glass, and Concrete Products
- 33 Primary Metal Industries
- 34 Fabricated Metal Products, Except Machinery and Transportation Equipment
- 35 Industrial and Commercial Machinery and Computer Equipment
- 36 Electronic and Other Electrical Equipment and Components, Except Computer Equipment
- 37 Transportation Equipment
- 38 Measuring, Analyzing, and Controlling Instruments; Photographic, Medical and Optical Goods; Watches and Clocks
- 39 Miscellaneous Manufacturing Industries
- 4221 Farm Product Warehousing and Storage
- 4222 Refrigerated Warehousing and Storage
- 4225 General Warehousing and Storage
- 5015 Motor Vehicle Parts, Used
- 5093 Scrap and Waste Materials

Facilities with the following primary SIC codes that have vehicle maintenance shops (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, or airport deicing operations:

- 40 Railroad Transportation
- 41 Local and Suburban Transit and Interurban Highway Passenger Transportation
- 42 Motor Freight Transportation and Warehousing (excluding 4221 Farm Product Warehousing and Storage, 4222 Refrigerated Warehousing and Storage, and 4225 General Warehousing and Storage)
- 43 United States Postal Service
- 44 Water Transportation
- 45 Transportation by Air
- 5171 Petroleum Bulk Stations and Terminals, except as provided in Note 1 below.

Facilities storing, transferring, formulating, or packaging bulk petroleum products or vegetable oils, except as provided in Note 1 below.

Steam Electric Power Generation including coal handling sites

Landfills, land application sites and open dumps (excluding landfills regulated by 40 CFR §445 that discharge "contaminated stormwater" (as defined by 40 CFR §445.2) to waters of the U.S.)

Hazardous Waste Treatment, Storage and Disposal Facilities [excluding hazardous waste landfills regulated by 40 CFR §445 that discharge "contaminated stormwater" (as defined by 40 CFR §445.2) to waters of the U.S.]

TABLE 1: SOURCES COVERED

Types of Industrial Sources required to obtain coverage under this permit

Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, recycling, and reclamation of municipal or domestic sewage (including land dedicated to the disposal of sewage sludge that are located within the confines of the facility) with the design flow capacity of 1.0 mgd or more, or required to have a pretreatment program under 40 CFR §403.

Note 1:

Permit registration is not required for a facility covered in Table 1 if discharges are only from:

- a) Stormwater that contacts oil-filled electrical equipment in transformer substations that are equipped with properly functioning oil spill prevention measures such as containment areas or oil/water separators.
- b) Stormwater that contacts petroleum product receiving or dispensing areas or product dispensing equipment from which product is dispensed to final users, whether or not the stormwater is treated by an oil/water separator.
- c) Stormwater that collects in a secondary containment area at a petroleum product dispensing site, where the secondary containment area is associated with storage tanks from which product is dispensed only to final users, and the discharge from the containment area is treated by an oil/water separator.
- d) Stormwater that collects in a secondary containment area at a bulk petroleum product storage site, where the total storage capacity at the site does not exceed 150,000 gallons, and the discharge from the containment area is treated by an oil/water separator. A site with multiple containment areas is considered a single site for determining total storage capacity.

## PERMIT COVERAGE AND EXCLUSION FROM COVERAGE

### 1) New Application for Permit Coverage

- a) An owner or operator of a new facility or existing facility that is required to be covered under this permit must:
  - i) *New facility* - Submit a complete application, which includes a department-approved application form; a Stormwater Pollution Control Plan (SWPCP); and applicable permit fees, to the department or agent at least 60 calendar days before the planned activity that requires permit coverage, unless otherwise approved by the department or agent (see Schedule D for description of agent). If an agent is receiving the application materials, submit two copies of the SWPCP.
  - ii) *Existing facility operating without coverage under the permit* - Submit a complete application, which includes a department-approved application form; a SWPCP; and applicable permit fees, to the department or agent immediately. If an agent is receiving the application materials, submit two copies of the SWPCP.
  - iii) *Existing facility operating under permit coverage that intends to change industrial processes* - Submit a complete application, which includes a department-approved application form; a SWPCP; and applicable permit fees, to the department or agent at least 60 calendar days before the planned change, unless otherwise approved by the department or agent. If an agent is receiving the application materials, submit two copies of the SWPCP.
- b) Public Review Period on new application and SWPCP\*
  - i) The application form and SWPCP are subject to a 14-calendar day public review period before permit registration is granted by the department.
  - ii) The public review period will not begin if the application form or SWPCP are incomplete.
- c) Registration
  - i) The department or agent will notify the applicant in writing if registration is approved or denied. Permit coverage does not begin until the applicant receives written notice from the department or agent that the registration is approved.
  - ii) If registration is denied or the applicant does not wish to be regulated by this permit, the applicant may apply for an individual permit in accordance with OAR 340-045-0030.

### 2) Renewal Application for Permit Coverage

- a) An owner or operator of a facility registered under the 1200-Z permit that expires on June 30, 2007 must submit a complete renewal application, which includes a department-approved renewal application form; an updated SWPCP, if revisions to the SWPCP are necessary to address changed conditions or meet new permit requirements of this permit; and applicable permit fees, to the department or agent by January 30, 2007 to ensure uninterrupted permit coverage for industrial stormwater discharges. If an updated SWPCP is not submitted, the department will use the existing SWPCP for public notice purposes.
- b) Public Review Period on renewal application and SWPCP\*
  - i) The renewal application and SWPCP are subject to a 14-calendar day public review period before permit coverage may be renewed by the department or agent.
  - ii) The public review period will not begin if the renewal application or SWPCP are incomplete.
- c) Registration
  - i) The department or agent will notify the applicant in writing if registration is approved or denied.

- ii) If registration is denied or the applicant does not wish to be regulated by this permit, the applicant may apply for an individual permit in accordance with OAR 340-045-0030.

\* The public review period described in conditions 1.b and 2.b above do not apply to registration applications and accompanying SWPCPs for new or existing facilities that were subject to public notice and comment requirements prior to July 1, 2007.

**3. Name Change or Transfer of Permit Coverage**

- a) For a name change or transfer of permit coverage between legal entities with no industrial process changes at the site, the owner or operator must submit a complete copy of the department-approved Name Change or Permit Transfer application form; an updated SWPCP, if revisions are necessary to address changed conditions, and applicable fees to the department or agent within 30 calendar days of the name change or planned transfer. If submittal is made to the agent, two copies of the SWPCP are required.
- b) The department or agent will notify the applicant in writing if the transfer is approved or denied. The department will transfer coverage under the permit after the department approves the application.
- c) For a name change or transfer of permit coverage between legal entities that intend to change industrial processes, the owner or operator must submit a new application for coverage under this permit as required in condition 1.a.iii above.

**4) "No Exposure" Conditional Exclusion from Permit Coverage**

- a) An owner or operator that applies for a "no exposure" conditional exclusion from coverage under this permit must:
  - i) Provide a storm resistant shelter to protect industrial materials and activities from exposure to rain, snow, snow melt, and runoff, except as provided in the Environmental Protection Agency (EPA) *Guidance Manual for Conditional Exclusion from Stormwater Permitting Based on "No Exposure" of Industrial Activities to Stormwater* (EPA 833-B-00-001, June 2000). Storm resistant shelters with unsealed zinc or copper roofing materials are not eligible for the "no exposure" conditional exclusion.
  - ii) Ensure that contaminated soil or materials from previous operations is not exposed.
  - iii) Complete and sign a certification, on a form approved by the department, that there is no stormwater exposure to industrial materials and activities from the entire facility, except as provided in 40 CFR §122.26(g)(2). The EPA *Guidance Manual* (EPA 833-B-00-001) may be used to determine whether the no exposure criteria are met.
  - iv) Submit the signed certification to the department or agent once every five years. If the department or agent does not comment on the "no exposure" certification within 30 days, the "no exposure" conditional exclusion is deemed approved. The department or agent may notify the applicant in writing or by email of its approval. The owner or operator must keep a copy of the certification on site and any notification of approval on site.
  - v) Allow the department or agent to inspect the facility to determine compliance with the "no exposure" conditions, and allow the department or agent to make any "no exposure" inspection reports available to the public upon request.
  - vi) Submit a copy of the "no exposure" certification to the municipal separate storm sewer system (MS4) operator (i.e., local municipality, district), upon their request, if facility discharges through an MS4; and allow inspection and public reporting by the MS4 operator.
- b) Limitations for obtaining or maintaining the exclusion:
  - i) This exclusion is available on a facility-wide basis only, not for individual outfalls.

- ii) If industrial materials or activities become exposed to rain, snow, snow melt, or runoff, the conditions for this exclusion no longer apply. In such cases, the discharge becomes subject to enforcement for un-permitted discharge. Any conditionally exempt discharger who anticipates changes in circumstances must apply for and obtain permit coverage before the change of circumstances.
  - iii) The department or agent retains the authority to make a determination that the "no exposure" conditional exclusion no longer applies and require the owner or operator to obtain permit coverage.
5. **Revocation of Permit Coverage** - The department may revoke a permit registrant's coverage under the permit pursuant to OAR 340-045-033(10).

**SCHEDULE A  
STORMWATER POLLUTION CONTROL PLAN**

1. **Preparation and Implementation of Stormwater Pollution Control Plan (SWPCP)**
  - a) The permit registrant must ensure that the SWPCP contains the applicable information described in condition A.3.
  - b) The SWPCP must be prepared by a person knowledgeable in stormwater management and familiar with the facility.
  - c) The name of the person(s) preparing the SWPCP must be included in the plan.
  - d) The SWPCP must be signed and certified in accordance with 40 CFR §122.22.
  - e) The SWPCP must be implemented according to conditions A.3.c and Schedule C. Failure to implement any portion of the SWPCP constitutes a violation of the permit.
  - f) The SWPCP must be kept current and updated as necessary to reflect any changes in facility operation.
  - g) A copy of the SWPCP must be kept at the facility and made available upon request to government agencies responsible for stormwater management in the permit registrant's area.
2. **SWPCP Revisions and Actions Plans**
  - a) After the permit registration is approved, if the permit registrant proposes to revise its SWPCP or the department or agent require revisions to the SWPCP, the permit registrant must clearly describe these revisions in an Action Plan.
  - b) The Action Plan is considered an addendum to the SWPCP and must be prepared in compliance with condition A.1 above.
  - c) Within 30 calendar days of making SWPCP revisions, permit registrant must submit an Action Plan to the department or agent for approval. If the department or agent does not comment within 10 business days of receiving the Action Plan, it is deemed approved. Failure to implement any portion of the Action Plan constitutes a violation of the permit.
3. **Required SWPCP Elements**
  - a) **Title Page** - The title page of the SWPCP must contain the following information:
    - i) Name of the site.
    - ii) Name of the site operator or owner.
    - iii) Site or file number as indicated on the permit.
    - iv) Contact person's name and telephone number.
    - v) Physical address, including county, and mailing address if different.
  - b) **Site Description** - The SWPCP must contain the following information:
    - i) A description of the industrial activities conducted at the site. Include a description of the significant materials (see condition D.3, Definitions) that are stored, used, treated or disposed of in a manner that allows exposure to stormwater. Also describe the methods of storage, usage, treatment or disposal.
    - ii) A general location map showing the location of the site in relation to surrounding properties, transportation routes, surface waters and other relevant features.
    - iii) A site map including the following:
      - (1) drainage patterns;
      - (2) drainage and discharge structures (piping, ditches, etc.);
      - (3) outline of the drainage area for each stormwater outfall;
      - (4) paved areas and buildings within each drainage area;

- (5) areas used for outdoor manufacturing, treatment, storage, or disposal of significant materials;
  - (6) existing structural control measures for reducing pollutants in stormwater runoff;
  - (7) material loading and access areas;
  - (8) hazardous waste treatment, storage and disposal facilities;
  - (9) location of wells including waste injection wells, seepage pits, drywells, etc., and
  - (10) location of springs, wetlands and other surface waterbodies both on site and adjacent to the site.
- iv) Estimates of the amount of impervious surface area (including paved areas and building roofs) relative to the total area drained by each stormwater outfall.
  - v) For each area of the site where a reasonable potential exists for contributing pollutants to stormwater runoff, identify the potential pollutants that could be present in stormwater discharges.
  - vi) The name(s) of the receiving water(s) for stormwater drainage. If drainage is to a municipal storm sewer system, the name(s) of the ultimate receiving waters and the name of the municipality.
  - vii) Identification of the discharge outfall(s) and the point(s) where stormwater monitoring will occur as required by Schedule B. If multiple discharge outfalls exist but will not all be monitored, include a description of the outfalls and data or analysis supporting that the outfalls are representative as described in condition B.2.b.
- c) **Site Controls** - The permit registrant must develop, implement, and maintain the controls that are appropriate for the site. The purpose of these controls is to eliminate or minimize the exposure of pollutants to stormwater or to remove pollutants from stormwater before it discharges to surface waters. In developing a control strategy, the permit registrant must include the following four (4) types of controls in the SWPCP and describe the specific components of each control:
- i) **Stormwater Best Management Practices** - The permit registrant must employ the following types of best management practices that are appropriate for the site. A schedule for implementation of these practices must be included in the SWPCP if the practice has not already been accomplished. This schedule must be consistent with the requirements for implementing the SWPCP in Schedule C of this permit.
    - (1) **Containment** - All hazardous substances (see condition D.3, Definitions) must be stored within berms or other secondary containment devices to prevent leaks and spills from contaminating stormwater. If the use of berms or secondary containment devices is not possible, then hazardous substances must be stored in areas that do not drain to the storm sewer system.
    - (2) **Oil and Grease** - Oil/water separators, booms, skimmers or other methods must be employed to eliminate or minimize oil and grease contamination of stormwater discharges.
    - (3) **Waste Chemicals and Material Disposal** - Wastes must be recycled or properly disposed of in a manner to eliminate or minimize exposure of pollutants to stormwater. All waste contained in bins or dumpsters where there is a potential for drainage of stormwater through the waste must be covered to prevent exposure of stormwater to these pollutants. Acceptable covers include, but are not limited to, storage of bins or dumpsters under roofed areas and use of lids or temporary covers such as tarps.
    - (4) **Erosion and Sediment Control** - Erosion control methods such as vegetating exposed areas, graveling or paving must be employed to minimize erosion of soil at the site.

Sediment control methods such as detention facilities, vegetated filter strips, bioswales, or other permanent erosion or sediment controls must be employed to minimize sediment loads in stormwater discharges. For activities that involve land disturbance, the permit registrant must contact the local municipality to determine if there are other applicable requirements.

- (5) Debris Control - Screens, booms, settling ponds, or other methods must be employed to eliminate or minimize debris in stormwater discharges.
  - (6) Stormwater Diversion - Stormwater must be diverted away from fueling, manufacturing, treatment, storage, and disposal areas to prevent exposure of uncontaminated stormwater to potential pollutants.
  - (7) Covering Activities - Fixed fueling, manufacturing, treatment, storage, and disposal areas must be covered to prevent exposure of stormwater to potential pollutants. Acceptable covers include, but are not limited to, permanent structures such as roofs or buildings and temporary covers such as tarps.
  - (8) Housekeeping - Areas that may contribute pollutants to stormwater must be kept clean. Sweeping, litter pick-up, prompt clean up of spills and leaks, and proper maintenance of vehicles must be employed to eliminate or minimize exposure of stormwater to pollutants.
- ii) *Spill Prevention and Response Procedure* - Permit registrant must include in the SWPCP methods to prevent spills along with clean-up and notification procedures. These methods and procedures must be made available to appropriate personnel. The required clean-up material must be on-site or readily available and the location of materials must either be shown on the site drawings or indicated in the text of the SWPCP. Spills prevention plans required by other regulations may be substituted for this provision providing that stormwater management concerns are adequately addressed.
- iii) *Preventative Maintenance* - Permit registrant must include in the SWPCP a preventative maintenance program to ensure the effective operation of all stormwater best management practices. At a minimum the program must include:
- (1) Monthly inspections of areas where potential spills of significant materials or industrial activities could impact stormwater runoff.
  - (2) Monthly inspections of stormwater control measures, structures, catch basins, and treatment facilities.
  - (3) Cleaning, maintenance or repair of all materials handling and storage areas and all stormwater control measures, structures, catch basins, and treatment facilities as needed upon discovery. Cleaning, maintenance, and repair of such systems must be performed in such a manner as to prevent the discharge of pollution.
- iv) *Employee Education* - Permit registrant must develop and maintain an employee orientation and education program to inform personnel of the components and goals of the SWPCP. The program must also address spill response procedures and the necessity of good housekeeping practices. A schedule for employee education must be included in the SWPCP. The education and training must occur within 30 calendar days of hiring an employee who works in areas where stormwater is exposed to industrial activities or conducts duties related to the implementation of the SWPCP, and annually thereafter.

- d) **Record Keeping and Internal Reporting Procedures** - Permit registrant must record and maintain at the facility the following information, which does not need to be submitted to the department, agent or other government agencies, unless it is requested.
- i) Inspection, maintenance, repair and education activities as required by the SWPCP.
  - ii) Spills or leaks of significant materials (See condition D.3, Definitions) that impacted or had the potential to impact stormwater or surface waters. Include the corrective actions to clean up the spill or leak as well as measures to prevent future problems of the same nature.

#### **ADDITIONAL REQUIREMENTS**

##### **4. Non-Stormwater Discharges**

- a) The following non-stormwater discharges are authorized by this permit:
- i) Discharges from fire-fighting activities.
  - ii) Fire hydrant flushings.
  - iii) Potable water, including water line flushings.
  - iv) Uncontaminated air conditioning condensate.
  - v) Irrigation drainage.
  - vi) Landscape watering, provided that all pesticides, herbicides, and fertilizer have been applied in accordance with manufacturer's instructions.
  - vii) Pavement wash waters where no detergents or hot water are used, no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed), and surfaces are swept before washing.
  - viii) Routine external building washdown that does not use detergents or hot water.
  - ix) Uncontaminated ground water or spring water.
  - x) Foundation or footing drains where flows are not contaminated with process materials.
  - xi) Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (e.g., "piped" cooling tower blowdown or drains).
- b) Piping and drainage systems for interior floor drains and process wastewater discharge points must be separated from the storm drainage system to prevent inadvertent discharge of pollutants to waters of the state. Discharge from floor drains to the stormwater drainage system is a violation of this permit.
- c) Any other wastewater discharge or disposal, including stormwater mixed with wastewater, must be permitted in a separate permit, unless the wastewater is reused or recycled without discharge or disposal, or discharged to the sanitary sewer with approval from the local sanitary authority.

##### **5. Water Quality Standards**

- a) The permit registrant must not cause a violation of instream water quality standards as established in OAR 340-041.
- b) If the permit registrant develops, implements, and revises its SWPCP in compliance with Schedule A of this permit, the department presumes that the discharges authorized by this permit will comply with instream water quality standards unless the department obtains evidence to the contrary. Coincident samples of the discharge and at upstream and downstream locations in the receiving waterbody must be collected to establish a violation of an instream water quality standard is caused by the discharge.
- c) In instances where the department determines that the permit registrant's stormwater discharges are not complying with instream water quality standards, the department may take

enforcement action for violations of the permit and will require the permit registrant to do one or more of the following:

- i) Develop and implement an Action Plan that describes additional effective BMPs to address the parameters of concern and their locations at the site;
  - ii) Submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is meeting water quality standards; or
  - iii) Curtail stormwater pollutant discharges to the extent possible and submit an individual permit application.
6. **Discharges to Impaired Waterbodies** - If a Total Maximum Daily Load (TMDL) Order (see condition D.3, Definitions) is established and the discharge from a permitted source is assigned a waste load allocation or is required to meet other conditions in the TMDL Order, then an application for an individual or different general permit or other appropriate tools may be required to address the allocation or other requirements.

#### CODE OF FEDERAL REGULATION STORMWATER DISCHARGE LIMITATIONS

7. **Effluent Limitations** - The permit registrant with the following activities must comply with the applicable limitations:

CFR Source		Parameter		Limitation	
Category	Subcategory				
Cement manufacturing (40 CFR §411)	Materials storage piles runoff	pH		6.0 - 9.0 SU	
		Total Suspended Solids (TSS)		50 mg/l	
Steam powered electric power generating (40 CFR §423)	Coal pile runoff	TSS		50 mg/l, Daily Maximum	
Paving and roofing materials (tars and asphalt) (40 CFR §443)	Runoff from manufacturing of asphalt paving or roofing emulsion	Oil & Grease		15 mg/l, Daily Maximum	10 mg/l, 30 Day Average
		pH		6.0 - 9.0 SU	

### STORMWATER DISCHARGE BENCHMARKS

8. **Benchmarks** - Benchmarks are guideline concentrations, not limitations. They are designed to assist the permit registrant in determining whether their SWPCP is effectively reducing pollutant concentrations in stormwater discharged from the site. For facilities that are subject to federal limitations, benchmarks apply to only those pollutants that are not limited by the federal regulations. See condition A.7 for a list of facilities subject to federal limitations.

The following benchmarks apply to each point source discharge of stormwater associated with industrial activity:

Parameter	Benchmark
Total Copper	0.1 mg/l
Total Lead	0.4 mg/l
Total Zinc	0.6 mg/l
pH*	5.5 - 9.0 SU
Total Suspended Solids*	130 mg/l
Total Oil & Grease*	10 mg/l
E. coli**	406 counts/100 ml
Floating Solids (associated with industrial activities)	No Visible Discharge
Oil & Grease Sheen	No Visible Sheen

\* See condition A.7 for list of facilities subject to federal limitations.

\*\*The benchmark for E. coli applies only to landfills, if septage and sewage biosolids are disposed at the site, and sewage treatment plants.

### 9. Response to a Benchmark Exceedance

- If a stormwater sampling result exceeds any of the benchmark values, the permit registrant must, within 30 calendar days of receiving the sampling results, investigate the cause of the elevated pollutant levels, review the SWPCP and submit an Action Plan for department or agent approval.
- The purpose of this review is to determine if:
  - The SWPCP is being followed;
  - There are alternative methods for implementing the existing site controls identified in the SWPCP;
  - The benchmark exceedance resulted from background or natural conditions not associated with industrial activities at the site; and
  - Additional effective site controls are needed to address the parameters of concern.
- The Action Plan must contain the following, unless condition A.9.d applies:
  - The results of the review;
  - The corrective actions the permit registrant will take to address the benchmark exceedance; and
  - An implementation schedule including alternative methods for implementing existing site controls or methods for implementing additional effective site controls, if the site controls have not already been implemented.

- d) If the permit registrant believes that the benchmark exceedance resulted from natural or background conditions, the Action Plan must propose a sampling plan and methodology for demonstrating that the elevated pollutant levels are due to background or natural conditions.
- e) If the department or agent does not comment on the Action Plan within 10 business days of its receipt, it is deemed approved. The department or agent's approval of the Action Plan does not constitute compliance with this permit.
- f) Upon approval, the permit registrant must implement the corrective actions identified in the Action Plan within 60 calendar days, unless otherwise approved by the department or agent.
- g) If the department or agent affirms the assertion that background or natural conditions contributed to the benchmark exceedance, the permit registrant is not required to make this demonstration again during the term of this permit.

**10. Benchmark Compliance Evaluation**

- a) By June 30<sup>th</sup> of the 4<sup>th</sup> year of permit coverage, the permit registrant must evaluate the last four samples collected from each outfall monitored and determine whether the geometric mean of the samples exceeds benchmark(s). This condition is not applicable to a permit registrant with a monitoring waiver as described in condition B.3.
- b) The permit registrant must report this information in a Discharge Monitoring Report (DMR) and submit the DMR to the department or agent by July 31<sup>st</sup> of the 4<sup>th</sup> year of permit coverage as described in condition B.4.a.
- c) If the geometric mean of the samples exceeds benchmark(s), the department will revoke the permit registrant's coverage under this permit and will require the permit registrant to apply for an individual permit pursuant to OAR 340-045-0033(10) and OAR 340-045-0060.

## SCHEDULE B MONITORING AND REPORTING REQUIREMENTS

1. **Minimum Monitoring Requirements** - All permit registrants must monitor stormwater associated with industrial activity for the following:

GRAB SAMPLING OF STORMWATER	
Parameter	Frequency
Total Copper	Four times per Year
Total Lead	Four times per Year
Total Zinc	Four times per Year
pH	Four times per Year
Total Suspended Solids	Four times per Year
Total Oil & Grease	Four times per Year
E. coli***	Four times per Year

\* For each outfall monitored, the permit registrant may collect a single grab sample or a series of equal volume grab samples. Samples must be collected from the same storm event.

\*\* The permit registrant is allowed to collect more samples than the minimum frequency requires and must report this data.

\*\*\*The monitoring for E. coli applies only to landfills, if septage and sewage biosolids are disposed at the site, and sewage treatment plants.

VISUAL MONITORING OF STORMWATER	
Parameter	Frequency
Floating Solids (associated with industrial activities)	Once per Month (when discharging)
Oil & Grease Sheen	Once per Month (when discharging)

2. **Grab Sampling and Visual Monitoring Procedures and Locations** - The following requirements apply to monitoring conducted in compliance with condition B.1 above.

- a) **Grab Sampling and Visual Monitoring Methodology** - The monitoring period is from July 1 to June 30<sup>th</sup>. Grab samples must be representative of the discharge and must be taken at least 14 calendar days apart. Two samples must be collected before December 31, and two samples must be collected after January 1. Time or flow-weighted compositing of samples may be used as an alternative to grab samples, except when monitoring for pH, oil and grease, and E. coli. Visual monitoring must occur at outfall(s) or discharge point(s) identified in the SWPCP as outfall(s) or point(s) where stormwater monitoring will occur.
- b) **Multiple Point Source Discharges** - Each stormwater outfall must be monitored unless:
- The outfall serves an area with no exposure of stormwater to industrial activities; or
  - The outfall has effluent that is substantially similar to the effluent(s) of a monitored outfall and the same BMPs are implemented and maintained at the similar outfalls or drainage areas that lead to the outfalls. Substantially similar effluent(s) are discharges from drainage areas serving comparable activities where the discharges are expected to be similar in composition. The determination of substantial similarity or effluent(s)

must be based on past monitoring or an analysis of industrial activities and site characteristics. The data or analysis supporting that the outfalls are representative must be included in the SWPCP as described in A.3.b.vii.

- iii) If sampling points are modified, permit registrants must notify the department or agent and submit an Action Plan as described in condition A.2.c.

- c) **Monitoring Location** - All samples must be taken at monitoring points specified in the SWPCP before the stormwater joins or is diluted by any other wastestream, body of water or substance, unless otherwise approved in writing by the department.

- d) **Sampling Variance**

- i) Permit registrants may request a sampling variance for missed samples if one of the following criteria is met:
  - a) State or federal authorities declared the year a drought year.
  - b) Demonstrate that rainfall in the area where the permit registrant's facility is located was 20% or more below the three-year average rainfall for that area.
  - c) Demonstrate to the department or agent's satisfaction that samples were unable to be collected due to the infrequency of storm events of sufficient magnitude to produce run-off. Supporting data and analysis must be submitted to the department or agent.
- ii) Permit registrants must submit to the department or agent a written request for a sampling variance by July 31<sup>st</sup> of the monitoring year in which the missed sampling occurred.

3. **Monitoring Waiver**

- a) **Visual Observations** - There is no reduction allowed of the required visual observations.
- b) **Grab Samples** - If at least four consecutive sampling results meet the benchmarks specified in condition A.8, the permit registrant is not required to collect grab samples for the remainder of the permit term. Where the permit registrant demonstrates to the department or agent's satisfaction that a benchmark exceedance resulted from background or natural conditions as described in condition A.9, the department or agent will consider these samples as meeting the benchmark(s) for the purposes of granting a monitoring waiver. There is no reduction in monitoring allowed for facilities subject to CFR limitations as described in condition A.7.
  - i) Results from sampling events cannot be averaged to meet the benchmarks.
  - ii) Monitoring waivers may be allowed for individual parameters.
  - iii) The permit registrant must submit to the department or agent a request to exercise the monitoring waiver that includes the analytical results from the four sampling events. If the department or agent does not comment within 30 calendar days, the monitoring waiver is deemed approved.
- c) **Revocation of Monitoring Waiver**
  - i) The permit registrant must conduct monitoring as specified in condition B.1 if:
    - a) The department or agent determines that prior monitoring efforts used to establish the monitoring waiver were improper or sampling results were incorrect;
    - b) The department, agent or permit registrant determines that changes to site conditions are likely to affect stormwater discharge characteristics, or
    - c) The department, agent or permit registrant conducts additional monitoring and the sampling results exceed benchmark(s).

- ii) The department or agent will notify the permit registrant in writing if the monitoring waiver is revoked.

4. **Monitoring Reporting Requirements** - The permit registrant must submit the following to the appropriate DEQ regional office or agent:

- a) **Monitoring Data** - The permit registrant must submit by July 31<sup>st</sup> of each year grab sampling and visual monitoring results for the previous monitoring period (July 1- June 30). The permit registrant must also report the minimum detection levels and analytical methods for the parameters analyzed. Non-detections must be reported as "ND" with the detection limit in mg/L parentheses, e.g., ND (0.005 mg/L). In calculating the geometric mean as described in condition A.10, one-half of the detection limits must be used for non-detections.
- b) **Report Forms** - The permit registrant must use a department-approved Discharge Monitoring Report (DMR) form for both visual and analytical monitoring results.

**SCHEDULE C**  
**COMPLIANCE CONDITIONS AND SCHEDULES**

1. **An Existing Permit Registrant** that is either renewing or transferring coverage under the permit where there are no changes to operation or industrial type (for a facility operating under an NPDES stormwater discharge permit prior to July 1, 2007):
  - a) Not later than 90 calendar days after renewing or transferring coverage under the permit, permit registrant must implement new site controls identified in the SWPCP to meet new permit requirements.
  - b) Site controls that are developed to meet new permit requirements that require capital improvements (see Schedule D.3, Definitions) must be completed in accordance with the schedule set forth in the SWPCP, but must be completed within two years of renewing or transferring coverage under this permit.
2. **A New Permit Registrant with an Existing Facility** (for a facility operating before July 1, 2007, without an NPDES stormwater discharge permit):
  - a) Not later than 90 calendar days after obtaining permit coverage, the permit registrant must implement site controls identified in the SWPCP to meet the new permit requirements.
  - b) Site controls that are developed to meet new permit requirements that require capital improvements (see Schedule D.3, Definitions) must be completed in accordance with the schedule set forth in the SWPCP, but must be completed within two years of obtaining permit coverage.
3. **A New Permit Registrant with a New Facility** (for a facility beginning operation after July 1, 2007 without an NPDES stormwater discharge permit):
  - a) A permit registrant must begin implementation of the SWPCP before starting operations. Not later than 90 calendar days after obtaining permit coverage, the permit registrant must fully implement site controls identified in the SWPCP.
  - b) Site controls that require capital improvements (see Schedule D.3, Definitions), must be completed in accordance with the schedule set forth in the SWPCP, but must be completed within two years of obtaining permit coverage.
4. **A New Permit Registrant Discharging to Clackamas River, McKenzie River above Hayden Bridge (River Mile 15) or North Santiam River** (For potential or existing dischargers that did not have a permit prior to January 28, 1994, and existing dischargers that have a NPDES stormwater discharge permit but request an increased load limitation.)
  - a) Not later than 180 calendar days after obtaining permit coverage, permit registrant must submit to the department a monitoring and water quality evaluation program. This program must be effective in evaluating the in-stream impacts of the discharge as required by OAR 340-041-0470.

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- b) Within 30 calendar days of department approval, the permit registrant must implement the monitoring and water quality evaluation program.

**SCHEDULE D  
SPECIAL CONDITIONS**

1. **Releases in Excess of Reportable Quantities.** This permit does not relieve the permit registrant of the reporting requirements of 40 CFR §117 Determination of Reportable Quantities for Hazardous Substances and 40 CFR §302 Designation, Reportable Quantities, and Notification.
2. **Availability of SWPCP and Monitoring Data.** The Stormwater Pollution Control Plan (SWPCP) or stormwater monitoring data must be made available to government agencies responsible for stormwater management in the permit registrant's area.
3. **Definitions**
  - a) *Action Plan* means an addendum to the SWPCP developed in response to modification to the SWPCP or in response to a benchmark exceedance.
  - b) *Capital Improvements* means the following improvements that require capital expenditures:
    - i) Treatment best management practices including but not limited to settling basins, oil/water separation equipment, catch basins, grassy swales, detention/retention basins, and media filtration devices.
    - ii) Manufacturing modifications that incur capital expenditures, including process changes for reduction of pollutants or wastes at the source.
    - iii) Concrete pads, dikes and conveyance or pumping systems utilized for collection and transfer of stormwater to treatment systems.
    - iv) Roofs and appropriate covers for manufacturing areas.
  - c) *Hazardous Substances* as defined in 40 CFR §302 Designation, Reportable Quantities, and Notification.
  - d) *Material Handling Activities* include the storage, loading and unloading, transportation or conveyance of raw material, intermediate product, finished product, by-product or waste product.
  - e) *Point Source Discharge* means a discharge from any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, or conduit.
  - f) *Significant Materials* includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical that a facility is required to report pursuant to section 313 of title III of SARA; fertilizers; pesticides; and waste products such as ash, slag, and sludge that have the potential to be released with stormwater discharges.
  - g) *Site Controls* is analogous to Best Management Practices.
  - h) *Stormwater Associated With Industrial Activity* includes, but is not limited to, stormwater discharges from the following:
    - Industrial plant yards

- Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility
- Material handling sites (Material handling activities include the storage, loading and unloading, transportation or conveyance of raw material, intermediate product, finished product, by-product or waste product.)
- Refuse sites
- Sites used for the application or disposal of process waste waters (as defined in 40 CFR § 401)
- Sites used for storage or maintenance of material handling equipment
- Sites used for residual treatment, storage, or disposal, shipping and receiving areas
- Manufacturing buildings
- Storage areas (including tank farms) for raw materials, and intermediate and finished products
- Areas where industrial activity has taken place in the past and significant materials remain and are exposed to stormwater. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical that a facility is required to report pursuant to section 313 of title III of SARA; fertilizers; pesticides; and waste products such as ash, slag, and sludge that have the potential to be released with stormwater discharges.

- i) *Stormwater Conveyance* means a sewer, ditch, or swale that is designed to carry stormwater; a stormwater conveyance may also be referred to as a storm drain or storm sewer.
- j) *Total Maximum Daily Load (TMDL)* is the sum of the individual Waste Load Allocations (WLAs) for point sources and Load Allocations (LAs) for nonpoint sources and background. If a receiving water body has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure.

**4. Local Public Agencies Acting as the Department's Agent**

The department authorizes local public agencies to act as its agent in implementing this permit if they entered into a Memorandum of Agreement (MOA). The agent may be authorized to conduct the following activities, including but not limited to: application review and approval, inspections, monitoring data review, stormwater and wastewater monitoring, SWPCP review, and verification and approval of no-exposure certifications. Where the department has entered into such an agreement, the department or its agent must notify the permit registrant of where to submit no-exposure certifications, and other notifications or correspondence associated with this permit. Annual discharge monitoring reports, including analytical monitoring data and visual monitoring results, SWPCPs and Actions Plans must be submitted to both the department and the agent.

## SCHEDULE F NPDES GENERAL CONDITIONS – INDUSTRIAL FACILITIES

### SECTION A. STANDARD CONDITIONS

1. Duty to Comply

The permit registrant must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Oregon Revised Statutes (ORS) 468B.025 and 40 CFR 122.41(a) and is grounds for enforcement action; for permit termination, revocation, reissuance, or modification; or for denial of a permit renewal application.

2. Penalties for Water Pollution and Permit Condition Violations

ORS 468.140 allows the department to impose civil penalties up to \$10,000 per day for violation of a term, condition, or requirement of a permit. Additionally, 40 CFR 122.41, modified by 40 CFR 19.4, provides that any person who violates any permit condition, term, or requirement may be subject to a federal civil penalty not to exceed \$32,500 per day of each violation.

Under ORS 468.943 and 40 CFR 122.41, modified by 40 CFR 19.4, unlawful water pollution, if committed by a person with criminal negligence, is punishable by a fine of up to \$32,500 or by imprisonment for not more than one year, or by both. Each day on which a violation occurs or continues is a separately punishable offense.

Under ORS 468.946, a person who knowingly discharges, places or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state, is subject to a Class B felony punishable by a fine not to exceed \$200,000 and up to 10 years in prison. Additionally, under 40 CFR §122.41(a) any person who knowingly discharges, places, or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state is subject to a federal civil penalty not to exceed \$100,000, and up to 6 years in prison.

3. Duty to Mitigate

The permit registrant must take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. In addition, upon request of the Department, the permit registrant must correct any adverse impact on the environment or human health resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

4. Duty to Reapply

If the permit registrant wishes to continue an activity regulated by this permit after the expiration date of this permit, the permit registrant must apply to have the permit renewed. The application must be submitted at least 180 days before the expiration date of this permit.

The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.

5. Permit Actions

This permit may be modified, suspended, revoked and reissued, or terminated for cause including, but not limited to, the following:

- a. Violation of any term, condition, or requirement of this permit, a rule, or a statute;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all material facts;
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d. The permit registrant is identified as a Designated Management Agency or allocated a wasteload under a Total Maximum Daily Load (TMDL);
- e. New information or regulations;
- f. Modification of compliance schedules;
- g. Requirements of permit re-opener conditions;
- h. Correction of technical mistakes made in determining permit conditions;
- i. Determination that the permitted activity endangers human health or the environment, or
- j. Other causes as specified in 40 CFR §§122.62, 122.64, and 124.5.

The filing of a request by the permit registrant for a permit modification or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. Toxic Pollutants

The permit registrant must comply with any applicable effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

7. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.

8. Permit References

Except for effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act, all rules and statutes referred to in this permit are those in effect on the date this permit is issued.

**SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS**

1. Proper Operation and Maintenance

The permit registrant must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permit registrant to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permit registrant only when the operation is necessary to achieve compliance with the conditions of the permit.

Duty to Halt or Reduce Activity

For industrial or commercial facilities, upon reduction, loss, or failure of the treatment facility, the permit registrant must, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced or lost. It is not a defense for a permit registrant in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Treatment Facilities

a. Definitions

- (1) "Bypass" means intentional diversion of waste streams from any portion of the treatment facility. The term "bypass" does not include nonuse of singular or multiple units or processes of a treatment works when the nonuse is insignificant to the quality or quantity of the effluent produced by the treatment works. The term "bypass" does not apply if the diversion does not cause effluent limitations to be exceeded, provided the diversion is to allow essential maintenance to assure efficient operation.
- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities or treatment processes which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Prohibition of bypass.

(1) Bypass is prohibited unless:

- (a) Bypass was necessary to prevent loss of life, personal injury, or severe property damage;
- (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
- (c) The permit registrant submitted notices and requests as required under General Condition B.3.c.

- (2) The Director may approve an anticipated bypass, after considering its adverse effects and any alternatives to bypassing, when the Director determines that it will meet the three conditions listed above in General Condition B.3.b.(1).
- c. Notice and request for bypass.
  - (1) Anticipated bypass. If the permit registrant knows in advance of the need for a bypass, it must submit prior written notice, if possible at least ten days before the date of the bypass.
  - (2) Unanticipated bypass. The permit registrant must submit notice of an unanticipated bypass as required in General Condition D.5.
4. Upset
  - a. Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permit registrant. An upset does not include noncompliance to the extent caused by operation error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
  - b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of General Condition B.4.c are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
  - c. Conditions necessary for a demonstration of upset. A permit registrant who wishes to establish the affirmative defense of upset must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
    - (1) An upset occurred and that the permit registrant can identify the cause(s) of the upset;
    - (2) The permitted facility was at the time being properly operated;
    - (3) The permit registrant submitted notice of the upset as required in General Condition D.5, hereof (24-hour notice); and
    - (4) The permit registrant complied with any remedial measures required under General Condition A.3 hereof.
  - d. Burden of proof. In any enforcement proceeding the permit registrant seeking to establish the occurrence of an upset has the burden of proof.
5. Treatment of Single Operational Event

For purposes of this permit, A Single Operational Event which leads to simultaneous violations of more than one pollutant parameter must be treated as a single violation. A single operational event is an exceptional incident which causes simultaneous, unintentional, unknowing (not the result of a knowing act or omission), temporary noncompliance with more than one Clean Water Act effluent discharge pollutant parameter. A single operational event does not include Clean Water Act violations involving discharge without a NPDES permit or noncompliance to the extent caused by improperly designed or inadequate treatment facilities. Each day of a single operational event is a violation.
6. Overflows from Wastewater Conveyance Systems and Associated Pump Stations
  - a. Definitions
    - (1) "Overflow" means the diversion and discharge of waste streams from any portion of the wastewater conveyance system including pump stations, through a designed overflow device or structure, other than discharges to the wastewater treatment facility.
    - (2) "Severe property damage" means substantial physical damage to property, damage to the conveyance system or pump station which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of an overflow.
    - (3) "Uncontrolled overflow" means the diversion of waste streams other than through a designed overflow device or structure, for example to overflowing manholes or overflowing into residences, commercial establishments, or industries that may be connected to a conveyance system.
  - b. Prohibition of overflows. Overflows are prohibited unless:
    - (1) Overflows were unavoidable to prevent an uncontrolled overflow, loss of life, personal injury, or severe property damage;
    - (2) There were no feasible alternatives to the overflows, such as the use of auxiliary pumping or conveyance systems, or maximization of conveyance system storage; and

- (3) The overflows are the result of an upset as defined in General Condition B.4. and meeting all requirements of this condition.
- c. Uncontrolled overflows are prohibited where wastewater is likely to escape or be carried into the waters of the State by any means.
- d. Reporting required. Unless otherwise specified in writing by the Department, all overflows and uncontrolled overflows must be reported orally to the Department within 24 hours from the time the permit registrant becomes aware of the overflow. Reporting procedures are described in more detail in General Condition D.5.
7. Public Notification of Effluent Violation or Overflow  
If effluent limitations specified in this permit are exceeded or an overflow occurs, upon request by the Department, the permit registrant must take such steps as are necessary to alert the public about the extent and nature of the discharge. Such steps may include, but are not limited to, posting of the river at access points and other places, news releases, and paid announcements on radio and television.
8. Removed Substances  
Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters must be disposed of in such a manner as to prevent any pollutant from such materials from entering public waters, causing nuisance conditions, or creating a public health hazard.

#### SECTION C. MONITORING AND RECORDS

1. Representative Sampling  
Sampling and measurements taken as required herein must be representative of the volume and nature of the monitored discharge. All samples must be taken at the monitoring points specified in this permit and must be taken, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points must not be changed without notification to and the approval of the Director.
2. Flow Measurements  
Appropriate flow measurement devices and methods consistent with accepted scientific practices must be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices must be installed, calibrated and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected must be capable of measuring flows with a maximum deviation of less than  $\pm 10$  percent from true discharge rates throughout the range of expected discharge volumes.
3. Monitoring Procedures  
Monitoring must be conducted according to test procedures approved under 40 CFR §136, unless other test procedures have been specified in this permit.
4. Penalties of Tampering  
The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit must, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person, punishment is a fine not more than \$20,000 per day of violation, or by imprisonment of not more than four years or both.
5. Reporting of Monitoring Results  
Monitoring results must be summarized each month on a Discharge Monitoring Report form approved by the Department. The reports must be submitted monthly and are to be mailed, delivered or otherwise transmitted by the 15th day of the following month unless specifically approved otherwise in Schedule B of this permit.
6. Additional Monitoring by the Permit registrant  
If the permit registrant monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR §136 or as specified in this permit, the results of this monitoring must be included in the calculation and reporting of the data

submitted in the Discharge Monitoring Report. Such increased frequency must also be indicated. For a pollutant parameter that may be sampled more than once per day (e.g., Total Chlorine Residual), only the average daily value must be recorded unless otherwise specified in this permit.

7. Averaging of Measurements

Calculations for all limitations which require averaging of measurements must utilize an arithmetic mean, except for bacteria which must be averaged as specified in this permit.

8. Retention of Records

Except for records of monitoring information required by this permit related to the permit registrant's sewage sludge use and disposal activities, which must be retained for a period of at least five years (or longer as required by 40 CFR §503), the permit registrant must retain records of all monitoring information, including all calibration and maintenance records of all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

9. Records Contents

Records of monitoring information must include:

- a. The date, exact place, time and methods of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

10. Inspection and Entry

The permit registrant must allow the Director, or an authorized representative upon the presentation of credentials to:

- a. Enter upon the permit registrant's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, and
- d. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by state law, any substances or parameters at any location.

**SECTION D. REPORTING REQUIREMENTS**

1. Planned Changes

The permit registrant must comply with Oregon Administrative Rules (OAR) 340, Division 052, "Review of Plans and Specifications". Except where exempted under OAR 340-052, no construction, installation, or modification involving disposal systems, treatment works, sewerage systems, or common sewers must be commenced until the plans and specifications are submitted to and approved by the Department. The permit registrant must give notice to the Department as soon as possible of any planned physical alternations or additions to the permitted facility.

2. Anticipated Noncompliance

The permit registrant must give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. Transfers

This permit may be transferred to a new permit registrant provided the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of the permit and the rules of the Commission. No permit must be transferred to a third party without prior written approval from the Director. The permit registrant must notify the Department when a transfer of property interest takes place.

4. Compliance Schedule

Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date. Any reports of noncompliance must include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements.

5. Twenty-Four Hour Reporting

The permit registrant must report any noncompliance which may endanger health or the environment. Any information must be provided orally (by telephone) within 24 hours, unless otherwise specified in this permit, from the time the permit registrant becomes aware of the circumstances. During normal business hours, the Department's Regional office must be called. Outside of normal business hours, the Department must be contacted at 1-800-452-0311 (Oregon Emergency Response System).

A written submission must also be provided within 5 days of the time the permit registrant becomes aware of the circumstances. If the permit registrant is establishing an affirmative defense of upset or bypass to any offense under ORS 468.922 to 468.946, and in which case if the original reporting notice was oral, delivered written notice must be made to the Department or other agency with regulatory jurisdiction within 4 (four) calendar days. The written submission must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected;
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and
- e. Public notification steps taken, pursuant to General Condition B.7.

The following must be included as information which must be reported within 24 hours under this paragraph:

- a. Any unanticipated bypass which exceeds any effluent limitation in this permit.
- b. Any upset which exceeds any effluent limitation in this permit.
- c. Violation of maximum daily discharge limitation for any of the pollutants listed by the Director in this permit.

The Department may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

6. Other Noncompliance

The permit registrant must report all instances of noncompliance not reported under General Condition D.4 or D.5, at the time monitoring reports are submitted. The reports must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected; and
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

7. Duty to Provide Information

The permit registrant must furnish to the Department, within a reasonable time, any information which the Department may request to determine compliance with this permit. The permit registrant must also furnish to the Department, upon request, copies of records required to be kept by this permit.

Other Information: When the permit registrant becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Department, it must promptly submit such facts or information.

8. Signatory Requirements

All applications, reports or information submitted to the Department must be signed and certified in accordance with 40 CFR §122.22.

9. Falsification of Reports

Under ORS 468.953, any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, is subject to a Class C felony punishable by a fine not to exceed \$100,000 per violation and up to 5 years in prison.

SECTION E. DEFINITIONS

1. BOD means five-day biochemical oxygen demand.
2. TSS means total suspended solids.
3. mg/l means milligrams per liter.
4. kg means kilograms.
5. m<sup>3</sup>/d means cubic meters per day.
6. MGD means million gallons per day.
7. Composite sample means a sample formed by collecting and mixing discrete samples taken periodically and based on time or flow.
8. FC means fecal coliform bacteria.
9. Technology based permit effluent limitations means technology-based treatment requirements as defined in 40 CFR §125.3, and concentration and mass load effluent limitations that are based on minimum design criteria specified in OAR 340-041.
10. CBOD means five day carbonaceous biochemical oxygen demand.
11. Grab sample means an individual discrete sample collected over a period of time not to exceed 15 minutes.
12. Quarter means January through March, April through June, July through September, or October through December.
13. Month means calendar month.
14. Week means a calendar week of Sunday through Saturday.
15. Total residual chlorine means combined chlorine forms plus free residual chlorine.
16. The term "bacteria" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and E. coli bacteria.
17. POTW means a publicly owned treatment works.

Permit Number: 1200-Z  
Effective: July 1, 2007  
Expiration: June 30, 2012  
Page 1 of 28

GENERAL PERMIT  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
STORM WATER DISCHARGE PERMIT

Department of Environmental Quality  
811 S.W. Sixth Avenue, Portland, OR 97204  
Telephone: (503) 229-5630 or 1-800-452-4011 toll free in Oregon  
Issued pursuant to ORS 468B.050 and The Federal Clean Water Act

ISSUED TO: 12/7/07 GEN 12-Z MULTNOMAH/NWR  
File No: 54175 ORG340007

MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW Front Ave  
Portland, OR 97210-1114

DEC 07 2007

Site: MCCALL MARINE TERMINAL

SOURCES THAT ARE REQUIRED TO OBTAIN COVERAGE UNDER THIS PERMIT

Pursuant to 40 Code of Federal Regulation (CFR) § 122.26(b)(14)(i - ix, xi) and OAR 340-045-0033(5), facilities identified in *Table 1: Sources Covered* on p. 3 below that may discharge stormwater from a point source to surface waters or to conveyance systems that discharge to surface waters. These facilities must complete the application and registration procedures to obtain coverage under the permit; see *Permit Coverage and Exclusion from Coverage* on p. 5 below.

Note:

- 1) Facilities may apply for conditional exclusion from the requirement to register for coverage under this permit if there is no exposure of industrial activities and materials to stormwater pursuant to 40 CFR § 122.26(g); see *Permit Coverage and Exclusion from Coverage* on p. 5 below.
- 2) Sources meeting the description above, but that are excluded from this permit include: (i) Construction activities, asphalt mix batch plants, concrete batch plants and Standard Industrial Classification code 14, *Mining and Quarrying of Nonmetallic Minerals, Except Fuels*. These activities are regulated under separate general permits; and (ii) any source that has obtained a individual NPDES permit for the discharge.



Lauri Aunan, Administrator  
Water Quality Division

Date: August 23, 2006

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permit registrant is authorized to construct, install, modify, or operate stormwater treatment or control facilities, and to discharge stormwater to public waters in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:



Permit Number: 500-J  
Expiration Date: 7/31/2002  
Page: 1 of 10

**GENERAL PERMIT  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
WASTE DISCHARGE PERMIT**

Department of Environmental Quality  
811 S.W. Sixth Avenue  
Portland, OR 97204  
Telephone: (503) 229-5279

Issued pursuant to ORS 468B.050 and The Federal Clean Water Act

**ISSUED TO:**

File No. 54175

Issued 1/10/98

OR002703-1

Multnomah County

McCall Oil and Chemical Corporation

5480 NW Front Ave.

Portland, OR 97210

HYDRO CODE:

22--WILL 7.8 D

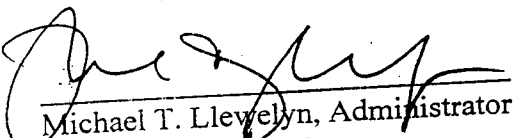
Site Loc. McCall Marine Terminal, 5480 NW Front  
Ave., Portland, Oregon

**SOURCES COVERED BY THIS PERMIT:**

Surface water discharge, discharge to  
evaporation/detention ponds, and land application  
of boiler blowdown that does not exceed 40  
gallons per minute.

8/29/97

Date

  
Michael T. Llewellyn, Administrator  
Water Quality Division

**PERMITTED ACTIVITIES**

Until this permit expires or is modified or revoked, the permittee is authorized to discharge to waters of the State adequately treated waste waters only from the authorized discharge point or points established in Schedule A and only in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:

	Page
Schedule A - Waste Discharge Limitations	2
Schedule B - Monitoring and Reporting Requirements	3
Schedule C - Compliance Conditions and Schedule	-
Schedule D - Special Conditions	4
Schedule F - General Conditions	5-10

Unless authorized by another NPDES or WPCF permit, all other direct and indirect discharges to waters of the State are prohibited.

**SCHEDULE A****1. Waste Discharge Limitations for Surface Water Discharge:**

<u>Parameters</u>	<u>Limitations - Daily Maximum</u>
Flow	40 gallons per minute (gpm) or 0.057 mgd (see Note 1)
Total Suspended Solids (TSS)	50 mg/l (see Note 1)
Temperature	100 °F (see Note 2)
pH	Shall be within the range 6.0 - 9.0 S.U. (see Note 2)
Other Pollutants	No biocides or water treatment chemicals containing chromium, zinc, copper, chlorinated phenols or other priority pollutants shall be discharged*

\* If chlorine is added to the water for use as a biocide, the water must be dechlorinated prior to discharge. Dechlorination must be sufficiently effective to reduce total residual chlorine concentrations to 0.1 mg/l. Alternatively, the permittee can explore non-discharge options such as discharge to sanitary sewer and land application.

**2. Minimum Dilution Requirement:** In assigning this permit, the Department will utilize the following criteria to screen discharges. Facilities that do not meet this criteria will not be eligible for this permit.

During periods of discharge, the receiving stream flow shall be at least four (4) times that of the discharge for each degree Fahrenheit the temperature of the discharge is above that of the receiving stream. The following example illustrates the use of this formula.

Example: If a discharge is 0.05 mgd at 100 degrees F and the receiving stream temperature is 60 degrees F, the receiving stream flow must be at least 8 mgd (12.4 cfs).  

$$(100 - 60) \times (4) \times (0.05) = 8 \text{ mgd.}$$

**3. Temperature Management Plan:** Facilities that discharge to water quality limited streams and meet the dilution requirements and the effluent limits above will be deemed to satisfy the requirement of developing and implementing a surface water management plan.

**4. Mixing Zone:** Notwithstanding the effluent limitations established by this permit except as provided in OAR 340-45-080, no wastes shall be discharged and no activities shall be conducted which will violate Water Quality Standards as adopted in OAR Chapter 340 Division 41 except in the following defined mixing zone:

The allowable mixing zone shall not extend downstream beyond a distance of 30 feet from the point of discharge and shall not exceed one-half the width of the receiving stream.

**5. Land Application:** The permittee can land apply wastewater provided written approval is obtained from the Department and the following conditions are met:

- i) No surface runoff or discharge to surface waters from the land application site is allowed;
- ii) Wastewater must not be land applied at rates which exceed the hydraulic or organic loading capacity of the soil; and
- iii) The application of wastewater must not result in odors or other nuisance conditions.

**NOTES:**

Note 1 - Limitations apply prior to mixing with any other wastestream.

Note 2 - Limitations may be applied after mixing with other wastestreams, if applicable.

**SCHEDULE B****MINIMUM MONITORING AND REPORTING REQUIREMENTS****1. Minimum Monitoring Requirements****A. Discharge to surface waters:**

Item or Parameter	Minimum Frequency	Type of Sample
Effluent Flow (mgd)	1/month	Measurement
Total Suspended Solids (mg/l)	1/month	Grab
Temperature (degrees F)	1/month	Grab
pH	1/month	Measurement or Grab
Total Residual Chlorine (mg/l) {if added for use as a biocide}	Per Event	Grab

**B. Land application:**

Item or Parameter	Minimum Frequency	Type of Sample
Effluent Flow (mgd)	1/month	Measurement

**C. Discharge to evaporation/detention pond:**

Item or Parameter	Minimum Frequency	Type of Sample
Effluent Flow (mgd)	1/month	Measurement
pH	1/month	Grab

**2. Reporting Requirements**

Monitoring data shall be recorded each month. An **annual tabulation** of the data shall be submitted to the appropriate DEQ Regional Office by January 15 of each year. In addition, any violation of permit conditions shall be reported within five (5) days of discovery along with an explanation and correction plan.

**SCHEDULE D**

**SPECIAL CONDITIONS**

1. Prior to increasing thermal load (flow or temperature) more than 10% above normal levels, the permittee shall notify and obtain approval from the Department. If as a result of the increased thermal load, the facility no longer meets the requirements of this permit, the permittee will be required to apply for an individual permit.
2. The Department may revoke a general permit as it applies to any person and require such person to apply for and obtain an individual NPDES permit if:
  - a. The permitted source or activity is a significant contributor of pollution or causes environmental problems;
  - b. The permittee is not in compliance with the terms and conditions of this general permit; or
  - c. Conditions or standards have changed so that the source or activity no longer qualifies for a general permit.
3. Any permittee not wishing to be covered or limited by this general permit may make application for an individual NPDES permit in accordance with the procedures in OAR 340-45-030.

**SCHEDULE F**  
**NPDES GENERAL CONDITIONS**

**SECTION A. STANDARD CONDITIONS**1. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Oregon Revised Statutes (ORS) 468B.025 and is grounds for enforcement action; for permit termination, suspension, or modification; or for denial of a permit renewal application.

2. Penalties for Water Pollution and Permit Condition Violations

Oregon Law (ORS 468.140) allows the Director to impose civil penalties up to \$10,000 per day for violation of a term, condition, or requirement of a permit.

Under ORS 468.943, unlawful water pollution, if committed by a person with criminal negligence, is punishable by a fine of up to \$25,000 or by imprisonment for not more than one year, or by both. Each day on which a violation occurs or continues is a separately punishable offense.

Under ORS 468.946, a person who knowingly discharges, places or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state, is subject to a Class B felony punishable by a fine not to exceed \$200,000 and up to 10 years in prison.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. In addition, upon request of the Department, the permittee shall correct any adverse impact on the environment or human health resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

4. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and have the permit renewed. The application shall be submitted at least 180 days before the expiration date of this permit.

The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.

5. Permit Actions

This permit may be modified, suspended, revoked and reissued, or terminated for cause including, but not limited to, the following:

- a. Violation of any term, condition, or requirement of this permit, a rule, or a statute;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all material facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

The filing of a request by the permittee for a permit modification or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. Toxic Pollutants

The permittee shall comply with any applicable effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

7. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.

8. Permit References

Except for effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act, all rules and statutes referred to in this permit are those in effect on the date this permit is issued.

**SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS**

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

2. Duty to Halt or Reduce Activity

For industrial or commercial facilities, upon reduction, loss, or failure of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced or lost. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Treatment Facilities

## a. Definitions

- (1) "Bypass" means intentional diversion of waste streams from any portion of the treatment facility. The term "bypass" does not include nonuse of singular or multiple units or processes of a treatment works when the nonuse is insignificant to the quality and/or quantity of the effluent produced by the treatment works. The term "bypass" does not apply if the diversion does not cause effluent limitations to be exceeded, provided the diversion is to allow essential maintenance to assure efficient operation.
- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities or treatment processes which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

## b. Prohibition of bypass.

- (1) Bypass is prohibited unless:
  - (a) Bypass was necessary to prevent loss of life, personal injury, or severe property damage;
  - (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
  - (c) The permittee submitted notices and requests as required under General Condition B.3.c.
- (2) The Director may approve an anticipated bypass, after considering its adverse effects and any alternatives to bypassing, when the Director determines that it will meet the three conditions listed above in General Condition B.3.b.(1).

## c. Notice and request for bypass.

- (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, if possible at least ten days before the date of the bypass.
- (2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in General Condition D.5.

4. Upset

- a. Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operation error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.

- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of General Condition B.4.c are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
- (2) The permitted facility was at the time being properly operated;
- (3) The permittee submitted notice of the upset as required in General Condition D.5, hereof (24-hour notice); and
- (4) The permittee complied with any remedial measures required under General Condition A.3 hereof.

- d. Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

5. Treatment of Single Operational Event

For purposes of this permit, A Single Operational Event which leads to simultaneous violations of more than one pollutant parameter shall be treated as a single violation. A single operational event is an exceptional incident which causes simultaneous, unintentional, unknowing (not the result of a knowing act or omission), temporary noncompliance with more than one Clean Water Act effluent discharge pollutant parameter. A single operational event does not include Clean Water Act violations involving discharge without a NPDES permit or noncompliance to the extent caused by improperly designed or inadequate treatment facilities. Each day of a single operational event is a violation.

6. Overflows from Wastewater Conveyance Systems and Associated Pump Stations

a. Definitions

- (1) "Overflow" means the diversion and discharge of waste streams from any portion of the wastewater conveyance system including pump stations, through a designed overflow device or structure, other than discharges to the wastewater treatment facility.
- (2) "Severe property damage" means substantial physical damage to property, damage to the conveyance system or pump station which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of an overflow.
- (3) "Uncontrolled overflow" means the diversion of waste streams other than through a designed overflow device or structure, for example to overflowing manholes or overflowing into residences, commercial establishments, or industries that may be connected to a conveyance system.

b. Prohibition of overflows. Overflows are prohibited unless:

- (1) Overflows were unavoidable to prevent an uncontrolled overflow, loss of life, personal injury, or severe property damage;
- (2) There were no feasible alternatives to the overflows, such as the use of auxiliary pumping or conveyance systems, or maximization of conveyance system storage; and
- (3) The overflows are the result of an upset as defined in General Condition B.4. and meeting all requirements of this condition.

c. Uncontrolled overflows are prohibited where wastewater is likely to escape or be carried into the waters of the State by any means.

d. Reporting required. Unless otherwise specified in writing by the Department, all overflows and uncontrolled overflows must be reported orally to the Department within 24 hours from the time the permittee becomes aware of the overflow. Reporting procedures are described in more detail in General Condition D.5.

7. Public Notification of Effluent Violation or Overflow

If effluent limitations specified in this permit are exceeded or an overflow occurs, upon request by the Department, the permittee shall take such steps as are necessary to alert the public about the extent and nature of the discharge. Such steps may include, but are not limited to, posting of the river at access points and other places, news releases, and paid announcements on radio and television.

8. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in such a manner as to prevent any pollutant from such materials from entering public waters, causing nuisance conditions, or creating a public health hazard.

SECTION C. MONITORING AND RECORDS

1. Representative Sampling

Sampling and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and shall be taken, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Director.

2. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than  $\pm 10$  percent from true discharge rates throughout the range of expected discharge volumes.

3. Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

4. Penalties of Tampering

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person, punishment is a fine not more than \$20,000 per day of violation, or by imprisonment of not more than four years or both.

5. Reporting of Monitoring Results

Monitoring results shall be summarized each month on a Discharge Monitoring Report form approved by the Department. The reports shall be submitted monthly and are to be mailed, delivered or otherwise transmitted by the 15th day of the following month unless specifically approved otherwise in Schedule B of this permit.

6. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report. Such increased frequency shall also be indicated. For a pollutant parameter that may be sampled more than once per day (e.g., Total Chlorine Residual), only the average daily value shall be recorded unless otherwise specified in this permit.

7. Averaging of Measurements

Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean, except for bacteria which shall be averaged as specified in this permit.

8. Retention of Records

Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR part 503), the permittee shall retain records of all monitoring information, including all calibration and maintenance records of all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

9. Records Contents

Records of monitoring information shall include:

- a. The date, exact place, time and methods of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

10. Inspection and Entry

The permittee shall allow the Director, or an authorized representative upon the presentation of credentials to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, and
- d. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by state law, any substances or parameters at any location.

**SECTION D. REPORTING REQUIREMENTS**

1. Planned Changes

The permittee shall comply with Oregon Administrative Rules (OAR) 340, Division 52, "Review of Plans and Specifications". Except where exempted under OAR 340-52, no construction, installation, or modification involving

disposal systems, treatment works, sewerage systems, or common sewers shall be commenced until the plans and specifications are submitted to and approved by the Department. The permittee shall give notice to the Department as soon as possible of any planned physical alternations or additions to the permitted facility.

2. Anticipated Noncompliance

The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. Transfers

This permit may be transferred to a new permittee provided the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of the permit and the rules of the Commission. No permit shall be transferred to a third party without prior written approval from the Director. The permittee shall notify the Department when a transfer of property interest takes place.

4. Compliance Schedule

Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements.

5. Twenty-Four Hour Reporting

The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally (by telephone) within 24 hours, unless otherwise specified in this permit, from the time the permittee becomes aware of the circumstances. During normal business hours, the Department's Regional office shall be called. Outside of normal business hours, the Department shall be contacted at 1-800-452-0311 (Oregon Emergency Response System).

A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. If the permittee is establishing an affirmative defense of upset or bypass to any offense under ORS 468.922 to 468.946, and in which case if the original reporting notice was oral, delivered written notice must be made to the Department or other agency with regulatory jurisdiction within 4 (four) calendar days. The written submission shall contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected;
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and
- e. Public notification steps taken, pursuant to General Condition B.7.

The following shall be included as information which must be reported within 24 hours under this paragraph:

- a. Any unanticipated bypass which exceeds any effluent limitation in this permit.
- b. Any upset which exceeds any effluent limitation in this permit.
- c. Violation of maximum daily discharge limitation for any of the pollutants listed by the Director in this permit.

The Department may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

6. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under General Condition D.4 or D.5, at the time monitoring reports are submitted. The reports shall contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected; and
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

7. Duty to Provide Information

The permittee shall furnish to the Department, within a reasonable time, any information which the Department may request to determine compliance with this permit. The permittee shall also furnish to the Department, upon request, copies of records required to be kept by this permit.

Other Information: When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Department, it shall promptly submit such facts or information.

8. Signatory Requirements

All applications, reports or information submitted to the Department shall be signed and certified in accordance with 40 CFR 122.22.

9. Falsification of Reports

Under ORS 468.953, any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, is subject to a Class C felony punishable by a fine not to exceed \$100,000 per violation and up to 5 years in prison.

10. Changes to Indirect Dischargers - [Applicable to Publicly Owned Treatment Works (POTW) only]

The permittee must provide adequate notice to the Department of the following:

- a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to section 301 or 306 of the Clean Water Act if it were directly discharging those pollutants and;
- b. Any substantial change in the volume or character of pollutants being introduced into the POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- c. For the purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

11. Changes to Discharges of Toxic Pollutant - [Applicable to existing manufacturing, commercial, mining, and silvicultural dischargers only]

The permittee must notify the Department as soon as they know or have reason to believe of the following:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
  - (1) One hundred micrograms per liter (100 µg/l);
  - (2) Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
  - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7); or
  - (4) The level established by the Department in accordance with 40 CFR 122.44(f).
- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
  - (1) Five hundred micrograms per liter (500 µg/l);
  - (2) One milligram per liter (1 mg/l) for antimony;
  - (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7); or
  - (4) The level established by the Department in accordance with 40 CFR 122.44(f).

**SECTION E. DEFINITIONS**

1. BOD means five-day biochemical oxygen demand.
2. TSS means total suspended solids.
3. mg/l means milligrams per liter.
4. kg means kilograms.
5. m/d means cubic meters per day.
6. MGD means million gallons per day.
7. Composite sample means a sample formed by collecting and mixing discrete samples taken periodically and based on time or flow.
8. FC means fecal coliform bacteria.
9. Technology based permit effluent limitations means technology-based treatment requirements as defined in 40 CFR 125.3, and concentration and mass load effluent limitations that are based on minimum design criteria specified in OAR 340-41.
10. CBOD means five day carbonaceous biochemical oxygen demand.
11. Grab sample means an individual discrete sample collected over a period of time not to exceed 15 minutes.
12. Quarter means January through March, April through June, July through September, or October through December.
13. Month means calendar month.
14. Week means a calendar week of Sunday through Saturday.
15. Total residual chlorine means combined chlorine forms plus free residual chlorine.
16. The term "bacteria" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and E. coli bacteria.
17. POTW means a publicly owned treatment works.



6650 SW Redwood Lane  
Suite 360  
PORTLAND, OR 97224  
Ph.: 503 / 226-3921  
Fax: 503 / 226-3926

CONSULTING ENGINEERS, INC.

## FAX TRANSMITTAL

To: ☒ Ron Brown      McCall Oil      503-219-0981  
From: Mark Wharry      Date: February 25, 2004  
Prj. #:      Prj. Name: Oil/Water Separator  
Number of Pages Including this page: 7

Copies to:

### MESSAGE

Ron -

Attached is a one-page trip visit summary of our discussions at the site last week. Take a look and let me know if I need to add or change anything.

I have also attached the original literature we got from LTS during the design regarding retrofitting the existing bays with coalescing media packs. I have tried to contact Steve Keep at LTS with no success. I am continuing to try to hunt them down, but I suspect they might be out of business.

I have contacted Reilly Equipment to investigate manufacturers for oil water separation media. The next step would be to meet onsite with them to review the facility and develop a recommendation for a retro-fit media kit.

- MBW

### SPECIALISTS FOR

Industrial  
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Hazardous  
Materials

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Site Development  
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These have been SJO's  
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Our clients have come to  
depend on SJO for  
creative cost effective  
problem solving.

Large enough to provide  
a full range of  
engineering services, yet  
small enough to be  
responsive, SJO's  
philosophy is to put  
services first by making  
quality our guiding  
principle.



Consulting Engineers, Inc.

February 24, 2004

**SITE VISIT NOTES**

Project No.:

Project Name: **McCall Oil Terminal Oil/Water Separator**

Visit Date: February 19, 2004

Notes By: Mark Wharry

Attendees: Ron Brown / McCall Oil  
Mark Wharry / SJOSubject: **Review of Oil/Water Separator**

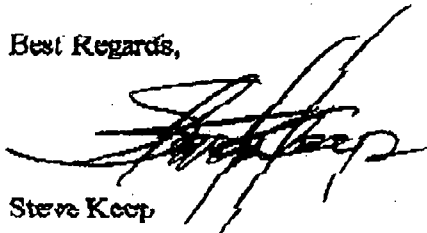
1. I visited the McCall site to review the operation of their oil/water separator. SJO designed an expansion of the existing API separator 7 years ago. The terminal facility storm water runs through the separator to capture the oil before it is discharged to the Willamette River.
2. McCall Oil has come under scrutiny of an environmental group claiming that the terminal has had discharge violations of oil in the past in their storm water discharge. The NPDES permit discharge limits for McCall Oil are 10 mg/l average and 15 mg/l peak. Although complete record data was reviewed at this visit, it appeared from the charge that there had been half a dozen instances in the last 4 years where the discharge had been greater than 15 mg/l. McCall Oil is required to test weekly. My understanding is that normally the tested oil content is under 10 mg/l. The few times where the discharge limits had been violated, tested oil levels were in the 25-35 mg/l range.
3. The oil/water separator expansion was designed and built in 1997 and was configured to match an existing API separator module that McCall Oil had built in the 1970's. Three additional bays were constructed in parallel to expand the capacity of the separator. Several other separator options were examined during this design phase including a separate coalescing plate vault separator and adding coalescing media to the existing separator. McCall chose to expand the existing API separator. Absorbent materials placed in the downstream bay by McCall would be utilized to get the discharge down to NPDES levels.
4. It is difficult to manage the peaks of storm water discharge and stay under the 15 mg/l limit with a basic API gravity separator configuration. According to API literature, typical configurations like this can usually be expected to get effluent down in the 50 mg/l rate depending on flow conditions and loading rates. McCall has been able to manage the discharge to generally stay under the 10 mg/l limit. They have done this by careful management of the separator operation, good housekeeping on the site, absorbent materials in the discharge, and closely monitoring the level of flows through the separator. During periods of high rainfall, storm water is detained within the tank farm and allowed to drain more slowly through the separator.
5. It appears from the discussions at the site that the facility might benefit from an additional "polishing" step to remove remaining oil elements from the discharge. The addition of coalescing media within the separator bays might help in increasing the efficiency of the existing system without a complete additional treatment step. This could also help address an occasional sheen problem that the facility has with its discharge.

page 2.

For your client's consideration, there may be two (2) oil/water separators considered. Of course, utilizing the concrete vault currently at the site and an additional cast in place vault of similar dimensions for the second unit. The cost of the second unit might be slightly higher due to the necessity of additional skimmers, however an insignificant amount.

Please review this information as you can get to it. I will be in contact to make arrangements to visit with you in Portland as soon as possible.

Best Regards,



Steve Keep



SERVING THE LIQUID HANDLING INDUSTRIES  
EQUIPMENT  
COMPONENTS  
SYSTEMS  
FABRICATION

# LTS SALES INC.

ENGINEERED FLUID SYSTEMS

19649 70th Ave. S. Kent, WA 98032  
Tel: (206) 395-8028 Fax: (206) 395-8030

FAX TO: MARK WHARRY date: 8/4/97  
@ SJO Eng  
FROM: STEVE KEEP pages: 3

Mark here is text for info  
sent 9/3/97

Steve Keep 

If all pages do not transmit, please notify our office immediately. Thank You.

# LTS SALES INC.

## ENGINEERED FLUID SYSTEMS

SERVING THE LIQUID HANDLING INDUSTRIES  
EQUIPMENT  
COMPONENTS  
SYSTEMS  
FABRICATION

19649 70th Ave. S. Kent, WA 98032  
Tel: (206) 395-8028 Fax: (206) 395-8030

August 29, 1997

Mark Wharry  
SJO ENGINEERS  
1200 S.W. 12th Ave.  
Portland, OR 97201

ref: Quote #792280-A (Budgetary) McCall Oil Proj.

Dear Mark,

After some consideration of your application, I have an updated proposal for your consideration. If the dimensions on the drawing / sketch that you sent me are correct, the new information would be as follows:

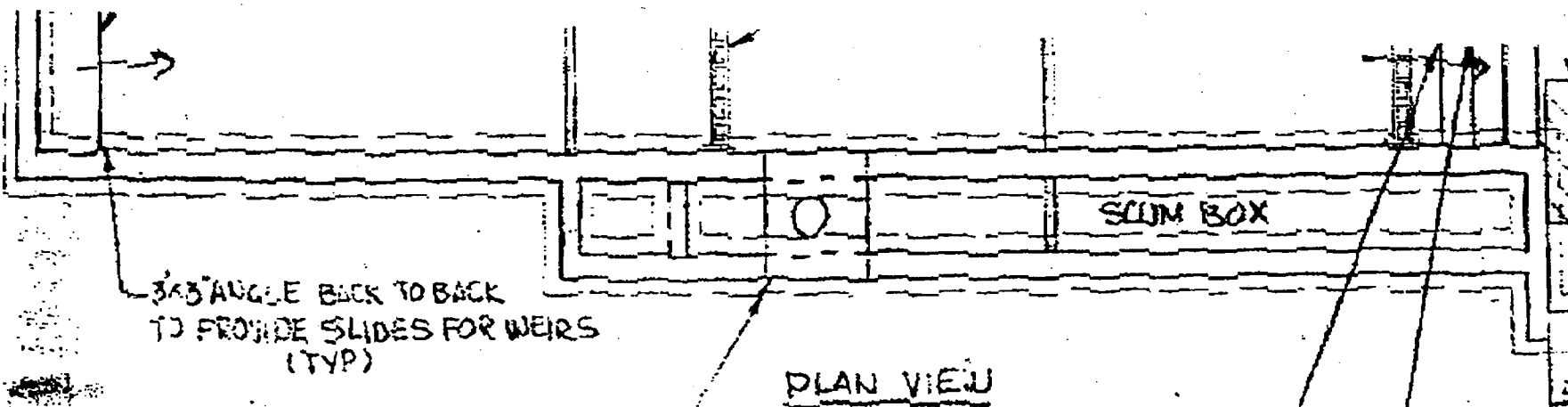
Requirements: Two (2) areas @ 600GPM or 1200 GPM,  
Stormwater runoff  
Influent FOG concentration: <2000 ppm  
Effluent Allowance: <15 ppm

### FOR A 600 GPM FLOW RATE

Oil / Water Separator *Retro-Fit Kit*, for 600 GPM, by LTS, Inc.  
For existing pit / vault @ client site, dims: (50' X 5' wide X 4' water depth)  
Recommended Coalescing pack arrangement:  
5' wide X 4' water depth X 4'V flow length (2 rows)  
5' wide X 4' water depth X 12'V flow length (6 rows)  
Total: 320 cubic feet  
72 square feet of coalescing surface area per cubic foot.  
Adjustable Rotary skimmers(2) provided by client.  
Price:..... \$ 25,800.00

Delivery: 8 to 10 weeks  
F.O.B.: Portland, OR Jobsite

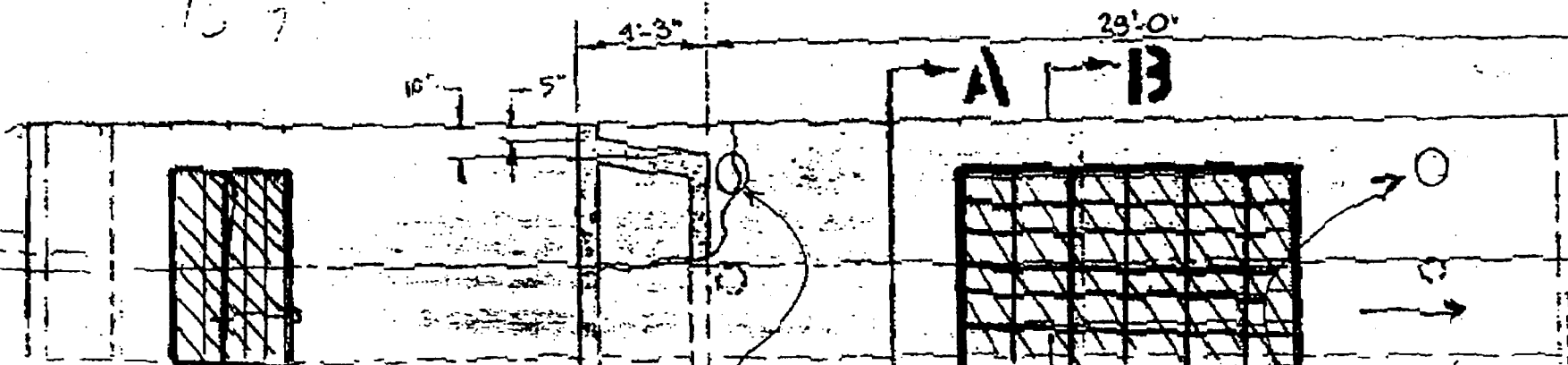
\*\*\* Arrangement / Placement shown on attached sketch



SEE DETAIL A  
ON 310-14-151

ADJUSTIN  
BAFFLE (ADD STOP  
SO AS TO ALLOW B  
TO BE 1'-0" FROM B

15 7"

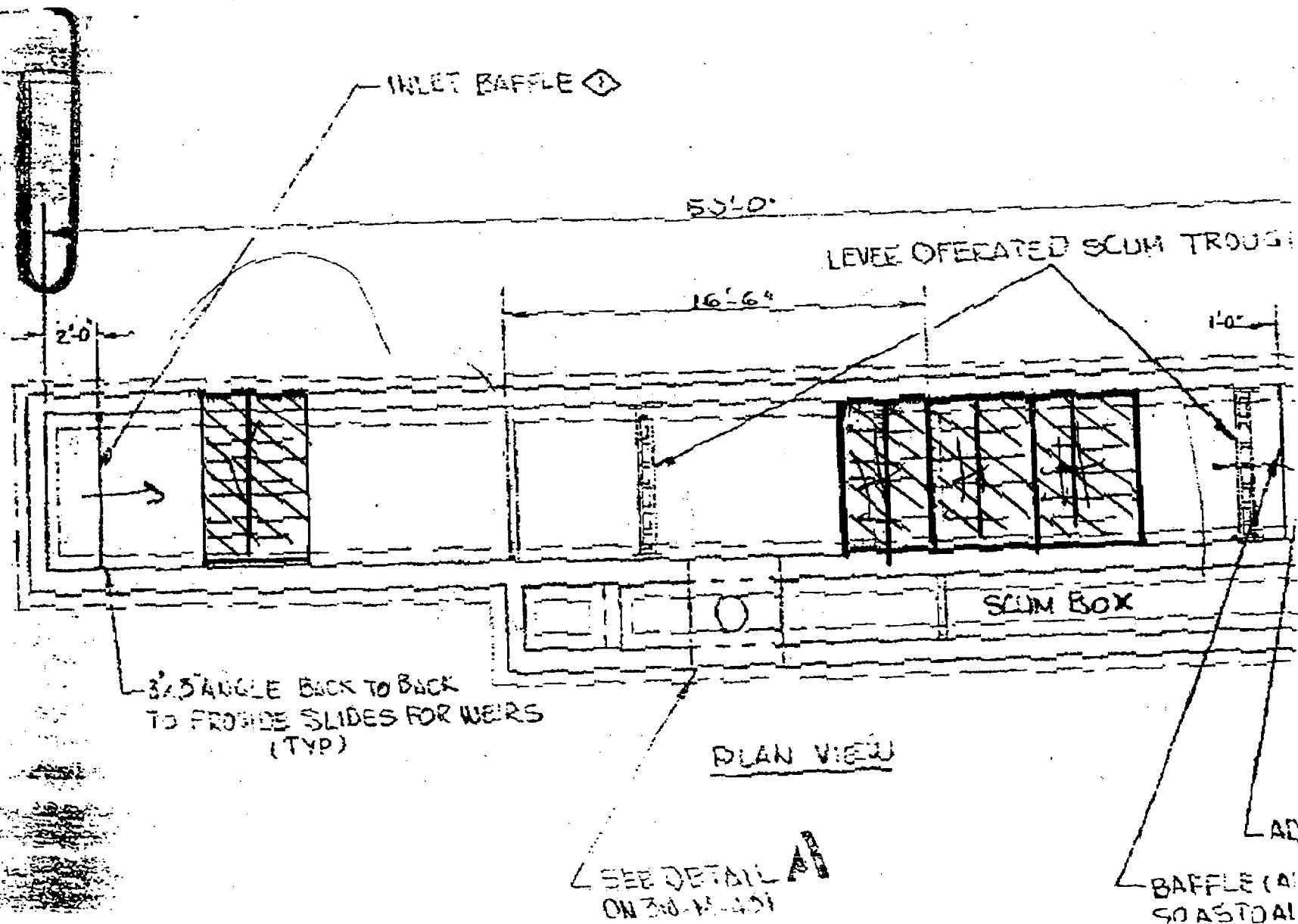


\* RELOCATE Skimmers To 4' WTR depth level

CON ENGINEERS

503 226 9926

PAGE 2





# NPDES STORMWATER MONITORING DATA

## MCCALL OIL COMPANY MARINE TERMINAL 5480 NW FRONT AVE

Org ID: 2426

Location Code: 01 Description: AUTOMATIC SAMPLER - DISCHARGE FROM COMINGLED SEPERATORS

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
06-07	1/29/2007	self				2.4						
06-07	1/23/2007	self				2.5						
06-07	1/16/2007	self				< 2						
06-07	1/10/2007	self					6	7.33				
06-07	1/9/2007	self				2.9						
06-07	1/1/2007	self				< 2						
06-07	12/25/2006	self				2						
06-07	12/20/2006	self				< 2						
06-07	12/11/2006	self				2.6						
06-07	12/6/2006	self					5	8.13				
06-07	12/5/2006	self				4.7						
06-07	11/21/2006	self				2						
06-07	11/13/2006	self				< 2						
06-07	11/6/2006	self				2.4						
06-07	11/2/2006	self					7	7.67				
06-07	11/2/2006	self				< 2						
06-07	8/22/2006	self				< 2						
06-07	7/13/2006	self				< 2						
05-06	6/19/2006	self				< 2						
05-06	6/16/2006	self				< 2						
05-06	6/1/2006	self				< 2						

Revised: 3/14/2007

MCCALL OIL COMPANY MARINE TERMINAL

Stormwater Monitoring Report

Page 1 of 16

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For compliance or reporting purposes, the user should refer to the actual laboratory reports.

Location Code: 01

Description: AUTOMATIC SAMPLER - DISCHARGE FROM COMINGLED SEPERATORS

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
05-06	5/22/2006	self				4.4						
05-06	5/16/2006	self				3.8						
05-06	5/7/2006	self				< 2						
05-06	4/29/2006	self				9.4						
05-06	4/10/2006	self				2.4						
05-06	4/8/2006	self				< 2						
05-06	4/3/2006	self				< 2						
05-06	3/30/2006	self				< 2						
05-06	3/22/2006	self				4						
05-06	3/14/2006	self				5.2						
05-06	3/6/2006	self				2.5						
05-06	2/27/2006	self				< 2						
05-06	2/21/2006	self				3.8						
05-06	1/30/2006	self				< 2						
05-06	1/27/2006	self				< 2						
05-06	1/16/2006	self				2.1						
05-06	1/9/2006	self				5.6						
05-06	1/3/2006	self				2						
05-06	12/26/2005	self				4.3						
05-06	12/19/2005	self				2.7						
05-06	11/28/2005	self				< 2						
05-06	11/25/2005	self				< 2						
05-06	11/7/2005	self				< 2						
05-06	10/31/2005	self				11.2						
05-06	10/25/2005	self				< 2						

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
	05-06	10/19/2005	self			< 2						
	05-06	10/14/2005	self			< 2						
	05-06	10/3/2005	self			2.6						
	05-06	9/30/2005	self			2.6						
	05-06	9/6/2005	self			< 2						
	05-06	8/29/2005	self			< 2						
	05-06	7/6/2005	self			2.6						
04-05		6/27/2005	self			< 2						
04-05		6/22/2005	self			3						
04-05		6/18/2005	self			3						
04-05		6/6/2005	self			< 2						
04-05		5/31/2005	self			< 2						
04-05		5/16/2005	self			3						
04-05		5/9/2005	self			3.1						
04-05		5/2/2005	self			< 2						
04-05		5/1/2005	self				14					
04-05		5/1/2005	self					6.81				
04-05		4/25/2005	self			3.6						
04-05		4/18/2005	self			5.7						
04-05		4/12/2005	self			< 2						
04-05		4/7/2005	self			< 2						
04-05		4/5/2005	self				< 1	6.94				
04-05		3/7/2005	self				15	7.97				
04-05		1/31/2005	self				9	6.95				
04-05		1/28/2005	self			10.3						

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
04-05	1/9/2005	self					< 1	7.1				
04-05	12/29/2004	self				< 2						
04-05	12/25/2004	self				2.3						
04-05	12/18/2004	self				7.1						
04-05	12/6/2004	self				2.7						
04-05	11/29/2004	self				< 2						
04-05	11/23/2004	self				5.8						
04-05	11/15/2004	self				2						
04-05	11/1/2004	self				< 2						
04-05	9/22/2004	self				5.1						
04-05	9/13/2004	self				< 2						
04-05	9/12/2004	self				< 2						
04-05	8/24/2004	self				5						
04-05	8/22/2004	self				2.6						
04-05	8/3/2004	self				< 2						
04-05	8/1/2004	self				2.9						
03-04	6/23/2004	self				3.4						
03-04	6/14/2004	self				< 2						
03-04	6/8/2004	self				< 2						
03-04	6/6/2004	self				2.4						
03-04	5/27/2004	self				< 2						
03-04	5/23/2004	self				< 2						
03-04	5/10/2004	self				< 2						
03-04	5/6/2004	self				3.8						
01-02	8/19/2001	self					36	7.52				

**Location Code: 01 Description: AUTOMATIC SAMPLER - DISCHARGE FROM COMINGLED SEPERATORS**

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
	01-02	7/21/2001	self				40	7.03				
00-01		4/3/2001	self				16	7.1				
00-01		3/16/2001	self				5.5	8.4				
00-01		2/16/2001	self				10	8				
00-01		1/30/2001	self				15	8.2				
00-01		1/8/2001	self				10	7				
00-01		11/13/2000	self				5.3	7.8				
00-01		10/28/2000	self				4	7.3				
00-01		10/12/2000	self				4	6.2				
00-01		9/21/2000	self				26	7.3				
00-01		8/14/2000	self				2.3	7.9				
00-01		7/7/2000	self				3.5	7.5				
	99-00	6/8/2000	self				9	6.1				
	99-00	5/15/2000	self				2	6.3				
	99-00	4/13/2000	self				3.3	7.2				
	99-00	3/14/2000	self				< 1	6.9				
	99-00	11/10/1999	self				6.8	7.4				
98-99		3/29/1999	self				10	6.5				

**Location Code: INV Description: INVESTIGATIVE - O/W SEP DISCHARGE**

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
04-05		4/25/2005	self			3.6						
04-05		4/18/2005	self			2.4						
04-05		4/12/2005	self			< 2						
04-05		4/7/2005	self			3.2						
04-05		3/28/2005	self			13.3						

Location Codes: INV Description: INVESTIGATIVE - O/W SEP DISCHARGE

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
04-05	3/25/2005	self				2.1						
04-05	3/20/2005	self				< 2						
04-05	2/28/2005	self				2.5						
04-05	2/8/2005	self				12.2						
04-05	1/31/2005	self				4						
04-05	1/28/2005	self				2						
04-05	1/17/2005	self				3.6						
04-05	1/16/2005	self				2.8						
04-05	1/6/2005	self				3.5						
02-03	3/27/2003	self				4						

Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
03-04	4/25/2004	self				2.1						
03-04	4/8/2004	self				< 2						
03-04	4/4/2004	self				3.2						
03-04	3/28/2004	self				< 2						
03-04	3/21/2004	self				< 2						
03-04	3/14/2004	self				< 2						
03-04	3/7/2004	self				< 2						
03-04	2/29/2004	self				< 2						
03-04	2/23/2004	self				< 2						
03-04	2/14/2004	self				< 2						
03-04	2/8/2004	self				6						
03-04	2/1/2004	self				3.5						
03-04	1/25/2004	self				3.4						

Location Codes: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
03-04	1/18/2004	self				< 2						
03-04	1/11/2004	self				< 2						
03-04	1/5/2004	self				< 2						
03-04	12/28/2003	self				< 2						
03-04	12/14/2003	self				< 2						
03-04	12/7/2003	self				3.8						
03-04	11/29/2003	self				< 2						
03-04	11/21/2003	self				3.3						
03-04	11/17/2003	self				3.5						
03-04	11/10/2003	self				4.3						
03-04	10/29/2003	self				< 2						
03-04	10/20/2003	self				< 2						
03-04	10/16/2003	self				3.2						
03-04	10/11/2003	self				3.1						
03-04	9/18/2003	self				6						
03-04	9/13/2003	self				31.9						
03-04	9/6/2003	self				7						
03-04	8/30/2003	self				11.2						
03-04	8/23/2003	self				3.2						
03-04	8/17/2003	self				2						
03-04	8/9/2003	self				< 2						
03-04	8/3/2003	self				6						
03-04	7/26/2003	self				3						
03-04	7/19/2003	self				4						
03-04	7/12/2003	self				5						

Location Code: X01

Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
03-04	7/5/2003	self				5						
02-03	6/29/2003	self				< 2						
02-03	6/21/2003	self				< 2						
02-03	6/14/2003	self				< 2						
02-03	6/7/2003	self				4						
02-03	5/31/2003	self				< 2						
02-03	5/24/2003	self				2						
02-03	5/19/2003	self				< 2						
02-03	5/10/2003	self				< 2						
02-03	5/3/2003	self				< 2						
02-03	4/26/2003	self				3						
02-03	4/19/2003	self				2						
02-03	4/12/2003	self				4						
02-03	4/5/2003	self				< 2						
02-03	3/27/2003	self				5						
02-03	3/22/2003	self				29						
02-03	3/15/2003	self				21						
02-03	3/8/2003	self				3						
02-03	3/1/2003	self				2						
02-03	2/22/2003	self				2						
02-03	2/15/2003	self				< 2						
02-03	2/8/2003	self				2						
02-03	2/1/2003	self				3						
02-03	1/25/2003	self				2						
02-03	1/18/2003	self				4						

Revised: 3/14/2007

MCCALL OIL COMPANY MARINE TERMINAL

Stormwater Monitoring Report

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**Location Codes:** X01 **Description:** SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
02-03	1/11/2003	self				< 2						
02-03	1/4/2003	self				< 2						
02-03	12/28/2002	self				7						
02-03	12/21/2002	self				2						
02-03	12/14/2002	self				3						
02-03	12/9/2002	self				< 2						
02-03	12/2/2002	self				2						
02-03	10/26/2002	self				< 2						
02-03	10/12/2002	self				< 2						
02-03	10/5/2002	self				3						
02-03	9/30/2002	self				< 2						
02-03	9/21/2002	self				2						
02-03	9/14/2002	self				3						
02-03	9/7/2002	self				3						
02-03	8/31/2002	self				2						
02-03	8/24/2002	self				< 2						
02-03	8/17/2002	self				7						
02-03	8/10/2002	self				2						
02-03	8/3/2002	self				< 2						
02-03	7/27/2002	self				6.35						
02-03	7/15/2002	self				2.04						
02-03	7/6/2002	self				2.71						
	01-02 6/29/2002	self				4.73						
	01-02 6/22/2002	self				3.07						
	01-02 6/15/2002	self				< 2						

Revised: 3/14/2007

MCCALL OIL COMPANY MARINE TERMINAL

Stormwater Monitoring Report

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Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
01-02	6/8/2002	self				3.3						
01-02	6/3/2002	self				< 2						
01-02	5/25/2002	self				< 2						
01-02	5/18/2002	self				< 2						
01-02	5/13/2002	self				< 2						
01-02	5/4/2002	self				2.3						
01-02	4/29/2002	self				4.2						
01-02	4/27/2002	self				5						
01-02	4/20/2002	self				2.8						
01-02	4/15/2002	self				< 2						
01-02	4/6/2002	self				3.5						
01-02	4/1/2002	self				< 2						
01-02	3/23/2002	self				< 2						
01-02	3/16/2002	self				< 2						
01-02	3/11/2002	self				< 2						
01-02	3/2/2002	self				< 2						
01-02	2/25/2002	self				3.2						
01-02	2/16/2002	self				2.5						
01-02	2/10/2002	self				< 2						
01-02	2/5/2002	city	0.00535	0.00232	0.0493	< 5	6.5	6				
01-02	2/5/2002	self	0.00535	0.00232	0.0493	< 5	6.5	6				
01-02	2/2/2002	self				29						
01-02	1/26/2002	self				< 2						
01-02	1/19/2002	self				3.3						
01-02	1/12/2002	self				< 2						

Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
01-02	1/5/2002	self				5.5						
01-02	12/29/2001	self				2						
01-02	12/21/2001	self				< 2						
01-02	12/8/2001	self				< 2						
01-02	12/1/2001	self				< 2						
01-02	11/24/2001	self				< 2						
01-02	11/10/2001	self				< 2						
01-02	9/29/2001	self				6						
01-02	9/22/2001	self				< 2						
01-02	9/15/2001	self				6.7						
01-02	9/8/2001	self				4						
01-02	9/1/2001	self				19.9						
01-02	8/25/2001	self				< 2						
01-02	8/18/2001	self				6.8						
01-02	8/11/2001	self				3.7						
01-02	8/4/2001	self				2.4						
01-02	7/21/2001	self				< 2						
01-02	7/14/2001	self				7.9						
00-01	6/23/2001	self				9.5						
00-01	6/16/2001	self				9.4						
00-01	6/9/2001	self				6.9						
00-01	6/2/2001	self				8.1						
00-01	4/21/2001	self				2.5						
00-01	4/14/2001	self				6.2						
00-01	4/7/2001	self				6.8						

Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
00-01	3/31/2001	self				4.7						
00-01	3/24/2001	self				2.8						
00-01	3/17/2001	self				3.6						
00-01	3/15/2001	city	0.053	< 0.2	0.3	8.4	295	6.5				
00-01	3/10/2001	self				4.4						
00-01	3/3/2001	self				4.6						
00-01	2/24/2001	self				7.4						
00-01	2/17/2001	self				6.9						
00-01	2/10/2001	self				2.3						
00-01	2/8/2001	self				19						
00-01	2/3/2001	self				6.3						
00-01	1/27/2001	self				4						
00-01	1/20/2001	self				11						
00-01	1/13/2001	self				2.3						
00-01	1/6/2001	self				< 2						
00-01	12/30/2000	self				< 2						
00-01	12/23/2000	self				7.2						
00-01	11/25/2000	self				< 2						
00-01	11/18/2000	self				< 2						
00-01	11/11/2000	self				2.9						
00-01	11/5/2000	self				3.1						
00-01	10/28/2000	self				2						
00-01	10/21/2000	self				2.8						
00-01	10/14/2000	self				6.3						
00-01	10/7/2000	self				< 2						

Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
00-01	9/30/2000	self				2.7						
00-01	9/23/2000	self				3.4						
00-01	9/16/2000	self				< 2						
00-01	9/9/2000	self				2						
00-01	9/2/2000	self				3.6						
00-01	8/26/2000	self				2.2						
00-01	8/19/2000	self				2.7						
00-01	8/12/2000	self				< 2						
00-01	8/5/2000	self				6.7						
00-01	7/22/2000	self				< 2						
00-01	7/15/2000	self				3.1						
00-01	7/8/2000	self				< 2						
00-01	7/1/2000	self				3.1						
	99-00	6/30/2000	self			4.8						
	99-00	6/24/2000	self			< 2						
	99-00	6/17/2000	self			< 2						
	99-00	6/10/2000	self			3						
	99-00	6/3/2000	self			5.6						
	99-00	5/27/2000	self			4.5						
	99-00	5/20/2000	self			< 2						
	99-00	5/11/2000	self			< 2						
	99-00	5/6/2000	self			5.8						
	99-00	4/29/2000	self			4.9						
	99-00	4/22/2000	self			4.6						
	99-00	4/16/2000	self			3.5						

Location Codes: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
99-00	4/8/2000	self				3.5						
99-00	4/1/2000	self				2						
99-00	3/25/2000	self				6.1						
99-00	3/19/2000	self				6.6						
99-00	3/11/2000	self				6						
99-00	3/4/2000	self				5.3						
99-00	2/26/2000	self				15						
99-00	2/21/2000	self				8.8						
99-00	2/12/2000	self										
99-00	2/5/2000	self				7.7						
99-00	1/29/2000	self				7.3						
99-00	1/22/2000	self				6.3						
99-00	1/15/2000	self				6.8						
99-00	12/25/1999	self				3.7						
99-00	12/18/1999	self				7.6						
99-00	12/14/1999	self				8.7						
99-00	12/4/1999	self				7.8						
99-00	11/27/1999	self				7.6						
99-00	11/22/1999	self				12						
99-00	11/13/1999	self				3						
99-00	11/6/1999	self				4.3						
99-00	10/30/1999	self				4.6						
99-00	10/23/1999	self				4.2						
99-00	10/16/1999	self				2.6						
99-00	10/9/1999	self				2.8						

Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
99-00	10/2/1999	self				< 2						
99-00	9/25/1999	self				2.7						
99-00	9/18/1999	self				2.5						
99-00	9/11/1999	self				2.8						
99-00	9/4/1999	self				1.9						
99-00	8/28/1999	self				1.5						
99-00	8/21/1999	self				1.8						
99-00	8/14/1999	self				8.5						
99-00	8/7/1999	self				3						
99-00	7/31/1999	self				< 0.5						
99-00	7/24/1999	self				0.5						
99-00	7/17/1999	self				< 0.5						
99-00	7/10/1999	self				< 0.5						
99-00	7/3/1999	self				< 0.5						
98-99	6/26/1999	self				< 0.5						
98-99	6/19/1999	self				< 0.5						
98-99	6/12/1999	self				< 0.5						
98-99	6/5/1999	self				< 0.5						
98-99	5/22/1999	self				< 0.5						
98-99	5/15/1999	self				< 0.5						
98-99	5/8/1999	self				< 0.5						
98-99	5/3/1999	self				< 0.5						
98-99	4/24/1999	self				< 0.5						
98-99	4/17/1999	self				3.6						
98-99	4/10/1999	self				1.3						

Location Code: X01 Description: SPIGET PUMP IN ONE OF THE CHAMBER IN O/W SEPERATOR

Permit Year	Sample Date	Tester	Copper	Lead	Zinc	O/G	TSS	pH	Phos - Total	BOD - 5	E. coli	COD
98-99	4/3/1999	self				1.7						
98-99	3/20/1999	self				2						
98-99	3/13/1999	self				< 0.5						
98-99	3/6/1999	self				< 0.5						
98-99	2/27/1999	self				< 0.5						
98-99	2/20/1999	self				< 0.5						
98-99	2/13/1999	self				< 0.5						
98-99	2/6/1999	self				1						
98-99	1/2/1999	self				2.9						



# Oregon

Theodore Kulongoski, Governor

## Department of Environmental Quality

Northwest Region Portland Office

2020 SW Fourth Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

FAX (503) 229-6957

TTY (503) 229-5471

December 7, 2007

Edgar McCALL  
MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW Front Ave  
Portland, OR 97210-1114

Re: NPDES 1200-Z Industrial Stormwater Discharge Permit Coverage  
File No.: 54175  
Multnomah County

Dear Edgar McCALL:

In August 2006, the Oregon Environmental Quality Commission adopted a newly revised National Pollutant Discharge Elimination System Industrial Stormwater Discharge Permit No. 1200-Z. The Oregon Department of Environmental Quality (DEQ) has received your application to renew your coverage under this permit. DEQ is approving your registration under the new permit. The permit expires on June 30, 2012. This 1200-Z permit will replace the 1300-J permit previously assigned to your facility.

The purpose of the stormwater permit is to ensure registrants are providing adequate Best Management Practices on site to minimize adverse impacts to the environment from stormwater runoff, and prevent violations of the state's instream water quality standards.

The Department has entered into an agreement with the City of Portland Bureau of Environmental Services (BES) to administer this permit on the Department's behalf. Please send any written correspondence regarding your registration under the permit, stormwater monitoring results, and any other information required by the permit to BES. Receipt by BES will be treated as receipt by DEQ for purposes of meeting permit requirements.

### Permit Provisions

Please review your copy of the permit carefully as there are new conditions and requirements, some of which are listed below:

- Each monitored outfall must be sampled at least four (4) times per year, at least 14 calendar days apart. Two sampling events are to occur prior to December 31<sup>st</sup> each year and the remaining two are to occur between January 1 and June 30. Once a month you must conduct visual monitoring of your outfalls when stormwater discharge is occurring. Please use the Department's Discharge Monitoring Report (DMR) form to report your stormwater sampling and visual monitoring results to both BES and DEQ by July 31<sup>st</sup> each year.



- If a benchmark is exceeded within 30 calendar days of receiving the sampling results, you must investigate the cause, review the Storm Water Pollution Control Plan, and submit an Action Plan for approval to BES. See Section A.9 of the permit.
- By June 30, 2011, evaluate the last four samples collected from each outfall for each benchmark parameter, calculate the geometric mean of the sample results, and report the geometric mean value on your DMR form. If the geometric mean of these sampling results exceeds any of the benchmark parameters, the Department will revoke your coverage under this permit and require that you apply for an individual NPDES permit.

A fact sheet comparing the new permit requirements to the old permit requirements is also included with this packet. In the coming months, DEQ will be completing a guidance document that should assist with implementing some of these new permit requirements. This document will be on the DEQ website at <http://www.deq.state.or.us/wq/stormwater/industrial.htm>. Other information such as permit forms, including the DMR form, and technical assistance on best management practices can be found on this website as well.

Please be aware that you will be assessed an annual fee for each year of permit coverage. The Department recently increased the annual fee revenue by 3%. As a result the annual fee increased from \$391 to \$403. The \$403 fee will be invoiced shortly before the anniversary date of your facility first obtaining coverage under the permit.

If you have any questions about this permit, please contact Michael Pronold, stormwater manager at the City of Portland at (503) 823-7584. Please send any written correspondence to:

City of Portland  
Bureau of Environmental Services (BES)  
Water Pollution Control Laboratory  
6543 N. Burlington Avenue  
Portland, Oregon 97203-5452  
Attn: Michael Pronold E-mail: <mailto:michael.p@bes.ci.portland.or.us>

Sincerely,



Dennis Jurries, PE  
Northwest Region Storm Water Engineer

Enclosure

cc: BES – Michael Pronold  
File

## New 1200-Z Permit Requirements

Category	Old 1200-Z	New 1200-Z
<b>Benchmark Exceedances</b>	Review and update the Storm Water Pollution Control Plan (SWPCP).	Within 30 days of receiving the results of a benchmark exceedance, submit Action Plan that contains (1) results of review, (2) a corrective action, (3) and an implementation schedule.
<b>Sampling</b>	Sampling 2 times per year.	Sampling 4 times per year
	Samples must be collected at least 60 days apart.	Samples must be collected at least 14 days apart.
<b>Time or flow-weighted composite samples</b>	No allowance for time or flow-weighted composite sampling for grab samples.	Time or flow-weighted composite samples can be used, except for pH, oil & grease, and e.coli as an alternative to grab samples.
<b>Monitoring Period</b>	One sample collected between October 1 <sup>st</sup> and December 31 <sup>st</sup> and one sample collected between January 1 <sup>st</sup> and April 30 <sup>th</sup> .	Two samples collected between July 1 <sup>st</sup> and December 31 <sup>st</sup> and two samples collected between January 1 <sup>st</sup> and June 30 <sup>th</sup> .
<b>Employee Training</b>	Develop an employee education program. Inform employees on the elements of the SWPCP, including spill response and good housekeeping.	Hold training within 30 days of hiring new employee who will conduct duties related to implementing the SWPCP or working in areas where stormwater is exposed to industrial activities. Conduct education program annually.
<b>Monthly Inspections</b>	Monthly inspections of areas where potential spills of significant materials or industrial activities occur. May occur during any weather.	Same.
	Monthly inspections of stormwater control measures, structures, catch basins, and treatment facilities.	Same.
<b>Visual Monitoring</b>	Monthly visual monitoring for (1) oil and grease, and (2) floating solids at all outfall(s) or discharge point(s) where stormwater monitoring will occur. Must occur while discharging stormwater, i.e. when it is raining.	Same.
<b>Documentation</b>	Records of inspection, maintenance and repair, education activities, and any spills.	Same.
<b>Monitoring Waiver</b>	Monitoring waiver can be obtained for individual parameters after four consecutive samples collected are at or below the benchmark	Limited to one permit term. Re-sample designated sampling points to establish the waiver.
	ALL outfalls must be sampled unless (1) outfall serves area with no exposure to industrial activity or (2) outfall has similar effluents as other monitored outfalls. Data or analysis must be provided to support this determination..	ALL outfalls must be sampled unless (1) outfall serves an area with no exposure to industrial activity or (2) outfall has similar effluents and <i>same</i> BMPs as other monitored outfalls. Data or analysis must be provided to support this determination.
	No monitoring waiver for visual observations	Same.
<b>Data Submittal</b>	Submit annual reports and laboratory results sheets to the DEQ by July 15 <sup>th</sup> .	Submit Discharge Monitoring Report form (DMR) along with laboratory results sheets to DEQ or Agent by July 31 <sup>st</sup> .
		In the 4 <sup>th</sup> year only, evaluate the last 4 samples collected from each outfall for each benchmark parameter, calculate the geometric mean of sample results, and report geometric mean value in DMR.
<b>Authorization of Non-Stormwater</b>	No authorization for non-stormwater discharges in permit	Authorization for certain discharges such as fire-fighting activities, fire hydrants, potable water, irrigation drainage, landscape watering.

GENERAL PERMIT  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
STORM WATER DISCHARGE PERMIT  
Department of Environmental Quality  
811 S.W. Sixth Avenue, Portland, OR 97204  
Telephone: (503) 229-5630 or 1-800-452-4011 toll free in Oregon  
Issued pursuant to ORS 468B.050 and The Federal Clean Water Act

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ISSUED TO: 12/7/07      GEN 12-Z      MULTNOMAH/NWR  
File No: 54175      ORG340007

MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW Front Ave  
Portland, OR 97210-1114

Site: MCCALL MARINE TERMINAL

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SOURCES THAT ARE REQUIRED TO OBTAIN COVERAGE UNDER THIS PERMIT

Pursuant to 40 Code of Federal Regulation (CFR) § 122.26(b)(14)(i - ix, xi) and OAR 340-045-0033(5), facilities identified in *Table 1: Sources Covered* on p. 3 below that may discharge stormwater from a point source to surface waters or to conveyance systems that discharge to surface waters. These facilities must complete the application and registration procedures to obtain coverage under the permit; see *Permit Coverage and Exclusion from Coverage* on p. 5 below.

Note:

- 1) Facilities may apply for conditional exclusion from the requirement to register for coverage under this permit if there is no exposure of industrial activities and materials to stormwater pursuant to 40 CFR § 122.26(g); see *Permit Coverage and Exclusion from Coverage* on p. 5 below.
- 2) Sources meeting the description above, but that are excluded from this permit include: (i) Construction activities, asphalt mix batch plants, concrete batch plants and Standard Industrial Classification code 14, *Mining and Quarrying of Nonmetallic Minerals, Except Fuels*. These activities are regulated under separate general permits; and (ii) any source that has obtained a individual NPDES permit for the discharge.



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Lauri Aunan, Administrator  
Water Quality Division

Date: August 23, 2006

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PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permit registrant is authorized to construct, install, modify, or operate stormwater treatment or control facilities, and to discharge stormwater to public waters in conformance with all the requirements, limitations, and conditions set forth in the attached schedules as follows:

	<u>Page</u>
Permit Coverage and Exclusion From Coverage .....	5
Schedule A - Stormwater Pollution Control Plan, Additional Requirements, Limitations, and Benchmarks.....	8
Schedule B - Monitoring and Reporting Requirements .....	15
Schedule C - Compliance Conditions and Schedules .....	18
Schedule D - Special Conditions .....	20
Schedule F - General Conditions .....	22

Unless specifically authorized by this permit, by regulation issued by EPA, by another NPDES or WPCF permit, or by Oregon Administrative Rule, any other direct or indirect discharge to waters of the state is prohibited, including discharges to an underground injection control system.

Schedule F contains General Conditions that are included in all general permits issued by DEQ. Should conflicts arise between Schedule F and any other schedule of the permit, the requirements in Schedule F will not apply.

**TABLE 1: SOURCES COVERED**

**Types of Industrial Sources required to obtain coverage under this permit.**

Facilities with the following primary Standard Industrial Classification (SIC) codes:

- 10 Metal Mining
- 12 Coal Mining
- 13 Oil and Gas Extraction
- 20 Food and Kindred Products
- 21 Tobacco Products
- 22 Textile Mill Products
- 23 Apparel and Other Finished Products Made From Fabrics and Similar Material
- 24 Lumber and Wood Products, Except Furniture and 2491 Wood Preserving. (Activities with SIC 2411 Logging that are defined in 40 CFR §122.27 as silvicultural point source discharges are covered by this permit.)
- 25 Furniture and Fixtures
- 26 Paper and Allied Products
- 27 Printing, Publishing and Allied Industries
- 28 Chemicals and Allied Products (excluding 2874 Phosphate Fertilizer Manufacturing)
- 29 Petroleum Refining and Related Industries
- 30 Rubber and Miscellaneous Plastics Products
- 31 Leather and Leather Products
- 32 Stone, Clay, Glass, and Concrete Products
- 33 Primary Metal Industries
- 34 Fabricated Metal Products, Except Machinery and Transportation Equipment
- 35 Industrial and Commercial Machinery and Computer Equipment
- 36 Electronic and Other Electrical Equipment and Components, Except Computer Equipment
- 37 Transportation Equipment
- 38 Measuring, Analyzing, and Controlling Instruments; Photographic, Medical and Optical Goods; Watches and Clocks
- 39 Miscellaneous Manufacturing Industries
- 4221 Farm Product Warehousing and Storage
- 4222 Refrigerated Warehousing and Storage
- 4225 General Warehousing and Storage
- 5015 Motor Vehicle Parts, Used
- 5093 Scrap and Waste Materials

Facilities with the following primary SIC codes that have vehicle maintenance shops (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, or airport deicing operations:

- 40 Railroad Transportation
- 41 Local and Suburban Transit and Interurban Highway Passenger Transportation
- 42 Motor Freight Transportation and Warehousing (excluding 4221 Farm Product Warehousing and Storage, 4222 Refrigerated Warehousing and Storage, and 4225 General Warehousing and Storage)
- 43 United States Postal Service
- 44 Water Transportation
- 45 Transportation by Air
- 5171 Petroleum Bulk Stations and Terminals, except as provided in Note 1 below.

Facilities storing, transferring, formulating, or packaging bulk petroleum products or vegetable oils, except as provided in Note 1 below.

Steam Electric Power Generation including coal handling sites

Landfills, land application sites and open dumps (excluding landfills regulated by 40 CFR §445 that discharge "contaminated stormwater" (as defined by 40 CFR §445.2) to waters of the U.S.)

Hazardous Waste Treatment, Storage and Disposal Facilities [excluding hazardous waste landfills regulated by 40 CFR §445 that discharge "contaminated stormwater" (as defined by 40 CFR §445.2) to waters of the U.S.]

**TABLE 1: SOURCES COVERED**

**Types of Industrial Sources required to obtain coverage under this permit.**

Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, recycling, and reclamation of municipal or domestic sewage (including land dedicated to the disposal of sewage sludge that are located within the confines of the facility) with the design flow capacity of 1.0 mgd or more, or required to have a pretreatment program under 40 CFR §403.

Note 1:

Permit registration is not required for a facility covered in Table 1 if discharges are only from:

- a) Stormwater that contacts oil-filled electrical equipment in transformer substations that are equipped with properly functioning oil spill prevention measures such as containment areas or oil/water separators.
- b) Stormwater that contacts petroleum product receiving or dispensing areas or product dispensing equipment from which product is dispensed to final users, whether or not the stormwater is treated by an oil/water separator.
- c) Stormwater that collects in a secondary containment area at a petroleum product dispensing site, where the secondary containment area is associated with storage tanks from which product is dispensed only to final users, and the discharge from the containment area is treated by an oil/water separator.
- d) Stormwater that collects in a secondary containment area at a bulk petroleum product storage site, where the total storage capacity at the site does not exceed 150,000 gallons, and the discharge from the containment area is treated by an oil/water separator. A site with multiple containment areas is considered a single site for determining total storage capacity.

## PERMIT COVERAGE AND EXCLUSION FROM COVERAGE

### 1) New Application for Permit Coverage

- a) An owner or operator of a new facility or existing facility that is required to be covered under this permit must:
  - i) *New facility* - Submit a complete application, which includes a department-approved application form; a Stormwater Pollution Control Plan (SWPCP); and applicable permit fees, to the department or agent at least 60 calendar days before the planned activity that requires permit coverage, unless otherwise approved by the department or agent (see Schedule D for description of agent). If an agent is receiving the application materials, submit two copies of the SWPCP.
  - ii) *Existing facility operating without coverage under the permit* - Submit a complete application, which includes a department-approved application form; a SWPCP; and applicable permit fees, to the department or agent immediately. If an agent is receiving the application materials, submit two copies of the SWPCP.
  - iii) *Existing facility operating under permit coverage that intends to change industrial processes* - Submit a complete application, which includes a department-approved application form; a SWPCP; and applicable permit fees, to the department or agent at least 60 calendar days before the planned change, unless otherwise approved by the department or agent. If an agent is receiving the application materials, submit two copies of the SWPCP.
- b) Public Review Period on new application and SWPCP\*
  - i) The application form and SWPCP are subject to a 14-calendar day public review period before permit registration is granted by the department.
  - ii) The public review period will not begin if the application form or SWPCP are incomplete.
- c) Registration
  - i) The department or agent will notify the applicant in writing if registration is approved or denied. Permit coverage does not begin until the applicant receives written notice from the department or agent that the registration is approved.
  - ii) If registration is denied or the applicant does not wish to be regulated by this permit, the applicant may apply for an individual permit in accordance with OAR 340-045-0030.

### 2) Renewal Application for Permit Coverage

- a) An owner or operator of a facility registered under the 1200-Z permit that expires on June 30, 2007 must submit a complete renewal application, which includes a department-approved renewal application form; an updated SWPCP, if revisions to the SWPCP are necessary to address changed conditions or meet new permit requirements of this permit; and applicable permit fees, to the department or agent by January 30, 2007 to ensure uninterrupted permit coverage for industrial stormwater discharges. If an updated SWPCP is not submitted, the department will use the existing SWPCP for public notice purposes.
- b) Public Review Period on renewal application and SWPCP\*
  - i) The renewal application and SWPCP are subject to a 14-calendar day public review period before permit coverage may be renewed by the department or agent.
  - ii) The public review period will not begin if the renewal application or SWPCP are incomplete.
- c) Registration
  - i) The department or agent will notify the applicant in writing if registration is approved or denied.

- ii) If registration is denied or the applicant does not wish to be regulated by this permit, the applicant may apply for an individual permit in accordance with OAR 340-045-0030.

\* The public review period described in conditions 1.b and 2.b above do not apply to registration applications and accompanying SWPCPs for new or existing facilities that were subject to public notice and comment requirements prior to July 1, 2007.

**3. Name Change or Transfer of Permit Coverage**

- a) For a name change or transfer of permit coverage between legal entities with no industrial process changes at the site, the owner or operator must submit a complete copy of the department-approved Name Change or Permit Transfer application form; an updated SWPCP, if revisions are necessary to address changed conditions, and applicable fees to the department or agent within 30 calendar days of the name change or planned transfer. If submittal is made to the agent, two copies of the SWPCP are required.
- b) The department or agent will notify the applicant in writing if the transfer is approved or denied. The department will transfer coverage under the permit after the department approves the application.
- c) For a name change or transfer of permit coverage between legal entities that intend to change industrial processes, the owner or operator must submit a new application for coverage under this permit as required in condition 1.a.iii above.

**4) "No Exposure" Conditional Exclusion from Permit Coverage**

- a) An owner or operator that applies for a "no exposure" conditional exclusion from coverage under this permit must:
  - i) Provide a storm resistant shelter to protect industrial materials and activities from exposure to rain, snow, snow melt, and runoff, except as provided in the Environmental Protection Agency (EPA) *Guidance Manual for Conditional Exclusion from Stormwater Permitting Based on "No Exposure" of Industrial Activities to Stormwater* (EPA 833-B-00-001, June 2000). Storm resistant shelters with unsealed zinc or copper roofing materials are not eligible for the "no exposure" conditional exclusion.
  - ii) Ensure that contaminated soil or materials from previous operations is not exposed.
  - iii) Complete and sign a certification, on a form approved by the department, that there is no stormwater exposure to industrial materials and activities from the entire facility, except as provided in 40 CFR §122.26(g)(2). The EPA *Guidance Manual* (EPA 833-B-00-001) may be used to determine whether the no exposure criteria are met.
  - iv) Submit the signed certification to the department or agent once every five years. If the department or agent does not comment on the "no exposure" certification within 30 days, the "no exposure" conditional exclusion is deemed approved. The department or agent may notify the applicant in writing or by email of its approval. The owner or operator must keep a copy of the certification on site and any notification of approval on site.
  - v) Allow the department or agent to inspect the facility to determine compliance with the "no exposure" conditions, and allow the department or agent to make any "no exposure" inspection reports available to the public upon request.
  - vi) Submit a copy of the "no exposure" certification to the municipal separate storm sewer system (MS4) operator (i.e., local municipality, district), upon their request, if facility discharges through an MS4; and allow inspection and public reporting by the MS4 operator.
- b) Limitations for obtaining or maintaining the exclusion:
  - i) This exclusion is available on a facility-wide basis only, not for individual outfalls.

- ii) If industrial materials or activities become exposed to rain, snow, snow melt, or runoff, the conditions for this exclusion no longer apply. In such cases, the discharge becomes subject to enforcement for un-permitted discharge. Any conditionally exempt discharger who anticipates changes in circumstances must apply for and obtain permit coverage before the change of circumstances.
- iii) The department or agent retains the authority to make a determination that the "no exposure" conditional exclusion no longer applies and require the owner or operator to obtain permit coverage.

5. **Revocation of Permit Coverage** - The department may revoke a permit registrant's coverage under the permit pursuant to OAR 340-045-033(10).

**SCHEDULE A  
STORMWATER POLLUTION CONTROL PLAN**

1. **Preparation and Implementation of Stormwater Pollution Control Plan (SWPCP)**
  - a) The permit registrant must ensure that the SWPCP contains the applicable information described in condition A.3.
  - b) The SWPCP must be prepared by a person knowledgeable in stormwater management and familiar with the facility.
  - c) The name of the person(s) preparing the SWPCP must be included in the plan.
  - d) The SWPCP must be signed and certified in accordance with 40 CFR §122.22.
  - e) The SWPCP must be implemented according to conditions A.3.c and Schedule C. Failure to implement any portion of the SWPCP constitutes a violation of the permit.
  - f) The SWPCP must be kept current and updated as necessary to reflect any changes in facility operation.
  - g) A copy of the SWPCP must be kept at the facility and made available upon request to government agencies responsible for stormwater management in the permit registrant's area.
2. **SWPCP Revisions and Actions Plans**
  - a) After the permit registration is approved, if the permit registrant proposes to revise its SWPCP or the department or agent require revisions to the SWPCP, the permit registrant must clearly describe these revisions in an Action Plan.
  - b) The Action Plan is considered an addendum to the SWPCP and must be prepared in compliance with condition A.1 above.
  - c) Within 30 calendar days of making SWPCP revisions, permit registrant must submit an Action Plan to the department or agent for approval. If the department or agent does not comment within 10 business days of receiving the Action Plan, it is deemed approved. Failure to implement any portion of the Action Plan constitutes a violation of the permit.
3. **Required SWPCP Elements**
  - a) **Title Page** - The title page of the SWPCP must contain the following information:
    - i) Name of the site.
    - ii) Name of the site operator or owner.
    - iii) Site or file number as indicated on the permit.
    - iv) Contact person's name and telephone number.
    - v) Physical address, including county, and mailing address if different.
  - b) **Site Description** - The SWPCP must contain the following information:
    - i) A description of the industrial activities conducted at the site. Include a description of the significant materials (see condition D.3, Definitions) that are stored, used, treated or disposed of in a manner that allows exposure to stormwater. Also describe the methods of storage, usage, treatment or disposal.
    - ii) A general location map showing the location of the site in relation to surrounding properties, transportation routes, surface waters and other relevant features.
    - iii) A site map including the following:
      - (1) drainage patterns;
      - (2) drainage and discharge structures (piping, ditches, etc.);
      - (3) outline of the drainage area for each stormwater outfall;
      - (4) paved areas and buildings within each drainage area;

- (5) areas used for outdoor manufacturing, treatment, storage, or disposal of significant materials;
  - (6) existing structural control measures for reducing pollutants in stormwater runoff;
  - (7) material loading and access areas;
  - (8) hazardous waste treatment, storage and disposal facilities;
  - (9) location of wells including waste injection wells, seepage pits, drywells, etc., and
  - (10) location of springs, wetlands and other surface waterbodies both on site and adjacent to the site.
- iv) Estimates of the amount of impervious surface area (including paved areas and building roofs) relative to the total area drained by each stormwater outfall.
  - v) For each area of the site where a reasonable potential exists for contributing pollutants to stormwater runoff, identify the potential pollutants that could be present in stormwater discharges.
  - vi) The name(s) of the receiving water(s) for stormwater drainage. If drainage is to a municipal storm sewer system, the name(s) of the ultimate receiving waters and the name of the municipality.
  - vii) Identification of the discharge outfall(s) and the point(s) where stormwater monitoring will occur as required by Schedule B. If multiple discharge outfalls exist but will not all be monitored, include a description of the outfalls and data or analysis supporting that the outfalls are representative as described in condition B.2.b.
- c) **Site Controls** - The permit registrant must develop, implement, and maintain the controls that are appropriate for the site. The purpose of these controls is to eliminate or minimize the exposure of pollutants to stormwater or to remove pollutants from stormwater before it discharges to surface waters. In developing a control strategy, the permit registrant must include the following four (4) types of controls in the SWPCP and describe the specific components of each control:
- i) *Stormwater Best Management Practices* - The permit registrant must employ the following types of best management practices that are appropriate for the site. A schedule for implementation of these practices must be included in the SWPCP if the practice has not already been accomplished. This schedule must be consistent with the requirements for implementing the SWPCP in Schedule C of this permit.
    - (1) Containment - All hazardous substances (see condition D.3, Definitions) must be stored within berms or other secondary containment devices to prevent leaks and spills from contaminating stormwater. If the use of berms or secondary containment devices is not possible, then hazardous substances must be stored in areas that do not drain to the storm sewer system.
    - (2) Oil and Grease - Oil/water separators, booms, skimmers or other methods must be employed to eliminate or minimize oil and grease contamination of stormwater discharges.
    - (3) Waste Chemicals and Material Disposal - Wastes must be recycled or properly disposed of in a manner to eliminate or minimize exposure of pollutants to stormwater. All waste contained in bins or dumpsters where there is a potential for drainage of stormwater through the waste must be covered to prevent exposure of stormwater to these pollutants. Acceptable covers include, but are not limited to, storage of bins or dumpsters under roofed areas and use of lids or temporary covers such as tarps.
    - (4) Erosion and Sediment Control - Erosion control methods such as vegetating exposed areas, graveling or paving must be employed to minimize erosion of soil at the site.

Sediment control methods such as detention facilities, vegetated filter strips, bioswales, or other permanent erosion or sediment controls must be employed to minimize sediment loads in stormwater discharges. For activities that involve land disturbance, the permit registrant must contact the local municipality to determine if there are other applicable requirements.

- (5) Debris Control - Screens, booms, settling ponds, or other methods must be employed to eliminate or minimize debris in stormwater discharges.
  - (6) Stormwater Diversion - Stormwater must be diverted away from fueling, manufacturing, treatment, storage, and disposal areas to prevent exposure of uncontaminated stormwater to potential pollutants.
  - (7) Covering Activities - Fixed fueling, manufacturing, treatment, storage, and disposal areas must be covered to prevent exposure of stormwater to potential pollutants. Acceptable covers include, but are not limited to, permanent structures such as roofs or buildings and temporary covers such as tarps.
  - (8) Housekeeping - Areas that may contribute pollutants to stormwater must be kept clean. Sweeping, litter pick-up, prompt clean up of spills and leaks, and proper maintenance of vehicles must be employed to eliminate or minimize exposure of stormwater to pollutants.
- ii) *Spill Prevention and Response Procedure* - Permit registrant must include in the SWPCP methods to prevent spills along with clean-up and notification procedures. These methods and procedures must be made available to appropriate personnel. The required clean-up material must be on-site or readily available and the location of materials must either be shown on the site drawings or indicated in the text of the SWPCP. Spills prevention plans required by other regulations may be substituted for this provision providing that stormwater management concerns are adequately addressed.
- iii) *Preventative Maintenance* - Permit registrant must include in the SWPCP a preventative maintenance program to ensure the effective operation of all stormwater best management practices. At a minimum the program must include:
- (1) Monthly inspections of areas where potential spills of significant materials or industrial activities could impact stormwater runoff.
  - (2) Monthly inspections of stormwater control measures, structures, catch basins, and treatment facilities.
  - (3) Cleaning, maintenance or repair of all materials handling and storage areas and all stormwater control measures, structures, catch basins, and treatment facilities as needed upon discovery. Cleaning, maintenance, and repair of such systems must be performed in such a manner as to prevent the discharge of pollution.
- iv) *Employee Education* - Permit registrant must develop and maintain an employee orientation and education program to inform personnel of the components and goals of the SWPCP. The program must also address spill response procedures and the necessity of good housekeeping practices. A schedule for employee education must be included in the SWPCP. The education and training must occur within 30 calendar days of hiring an employee who works in areas where stormwater is exposed to industrial activities or conducts duties related to the implementation of the SWPCP, and annually thereafter.

- d) **Record Keeping and Internal Reporting Procedures** - Permit registrant must record and maintain at the facility the following information, which does not need to be submitted to the department, agent or other government agencies, unless it is requested.
- i) Inspection, maintenance, repair and education activities as required by the SWPCP.
  - ii) Spills or leaks of significant materials (See condition D.3, Definitions) that impacted or had the potential to impact stormwater or surface waters. Include the corrective actions to clean up the spill or leak as well as measures to prevent future problems of the same nature.

#### **ADDITIONAL REQUIREMENTS**

##### **4. Non-Stormwater Discharges**

- a) The following non-stormwater discharges are authorized by this permit:
- i) Discharges from fire-fighting activities.
  - ii) Fire hydrant flushings.
  - iii) Potable water, including water line flushings.
  - iv) Uncontaminated air conditioning condensate.
  - v) Irrigation drainage.
  - vi) Landscape watering, provided that all pesticides, herbicides, and fertilizer have been applied in accordance with manufacturer's instructions.
  - vii) Pavement wash waters where no detergents or hot water are used, no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed), and surfaces are swept before washing.
  - viii) Routine external building washdown that does not use detergents or hot water.
  - ix) Uncontaminated ground water or spring water.
  - x) Foundation or footing drains where flows are not contaminated with process materials.
  - xi) Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (e.g., "piped" cooling tower blowdown or drains).
- b) Piping and drainage systems for interior floor drains and process wastewater discharge points must be separated from the storm drainage system to prevent inadvertent discharge of pollutants to waters of the state. Discharge from floor drains to the stormwater drainage system is a violation of this permit.
- c) Any other wastewater discharge or disposal, including stormwater mixed with wastewater, must be permitted in a separate permit, unless the wastewater is reused or recycled without discharge or disposal, or discharged to the sanitary sewer with approval from the local sanitary authority.

##### **5. Water Quality Standards**

- a) The permit registrant must not cause a violation of instream water quality standards as established in OAR 340-041.
- b) If the permit registrant develops, implements, and revises its SWPCP in compliance with Schedule A of this permit, the department presumes that the discharges authorized by this permit will comply with instream water quality standards unless the department obtains evidence to the contrary. Coincident samples of the discharge and at upstream and downstream locations in the receiving waterbody must be collected to establish a violation of an instream water quality standard is caused by the discharge.
- c) In instances where the department determines that the permit registrant's stormwater discharges are not complying with instream water quality standards, the department may take

enforcement action for violations of the permit and will require the permit registrant to do one or more of the following:

- i) Develop and implement an Action Plan that describes additional effective BMPs to address the parameters of concern and their locations at the site;
- ii) Submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is meeting water quality standards; or
- iii) Curtail stormwater pollutant discharges to the extent possible and submit an individual permit application.

6. **Discharges to Impaired Waterbodies** - If a Total Maximum Daily Load (TMDL) Order (see condition D.3, Definitions) is established and the discharge from a permitted source is assigned a waste load allocation or is required to meet other conditions in the TMDL Order, then an application for an individual or different general permit or other appropriate tools may be required to address the allocation or other requirements.

#### CODE OF FEDERAL REGULATION STORMWATER DISCHARGE LIMITATIONS

7. **Effluent Limitations** - The permit registrant with the following activities must comply with the applicable limitations:

CFR Industry		Parameter	Limitation	
Category	Subcategory			
Cement manufacturing (40 CFR §411)	Materials storage piles runoff	pH	6.0 - 9.0 SU	
		Total Suspended Solids (TSS)	50 mg/l	
Steam powered electric power generating (40 CFR §423)	Coal pile runoff	TSS	50 mg/l, Daily Maximum	
Paving and roofing materials (tars and asphalt) (40 CFR §443)	Runoff from manufacturing of asphalt paving or roofing emulsion	Oil & Grease	15 mg/l, Daily Maximum	10 mg/l, 30 Day Average
		pH	6.0 - 9.0 SU	

## STORMWATER DISCHARGE BENCHMARKS

8. **Benchmarks** - Benchmarks are guideline concentrations, not limitations. They are designed to assist the permit registrant in determining whether their SWPCP is effectively reducing pollutant concentrations in stormwater discharged from the site. For facilities that are subject to federal limitations, benchmarks apply to only those pollutants that are not limited by the federal regulations. See condition A.7 for a list of facilities subject to federal limitations.

The following benchmarks apply to each point source discharge of stormwater associated with industrial activity:

Parameter	Benchmark
Total Copper	0.1 mg/l
Total Lead	0.4 mg/l
Total Zinc	0.6 mg/l
pH*	5.5 – 9.0 SU
Total Suspended Solids*	130 mg/l
Total Oil & Grease*	10 mg/l
E. coli**	406 counts/100 ml
Floating Solids (associated with industrial activities)	No Visible Discharge
Oil & Grease Sheen	No Visible Sheen

\* See condition A.7 for list of facilities subject to federal limitations.

\*\*The benchmark for E. coli applies only to landfills, if septage and sewage biosolids are disposed at the site, and sewage treatment plants.

9. **Response to a Benchmark Exceedance**

- a) If a stormwater sampling result exceeds any of the benchmark values, the permit registrant must, within 30 calendar days of receiving the sampling results, investigate the cause of the elevated pollutant levels, review the SWPCP and submit an Action Plan for department or agent approval.
- b) The purpose of this review is to determine if:
  - i) The SWPCP is being followed;
  - ii) There are alternative methods for implementing the existing site controls identified in the SWPCP;
  - iii) The benchmark exceedance resulted from background or natural conditions not associated with industrial activities at the site; and
  - iv) Additional effective site controls are needed to address the parameters of concern.
- c) The Action Plan must contain the following, unless condition A.9.d applies:
  - i) The results of the review;
  - ii) The corrective actions the permit registrant will take to address the benchmark exceedance; and
  - iii) An implementation schedule including alternative methods for implementing existing site controls or methods for implementing additional effective site controls, if the site controls have not already been implemented.

- d) If the permit registrant believes that the benchmark exceedance resulted from natural or background conditions, the Action Plan must propose a sampling plan and methodology for demonstrating that the elevated pollutant levels are due to background or natural conditions.
- e) If the department or agent does not comment on the Action Plan within 10 business days of its receipt, it is deemed approved. The department or agent's approval of the Action Plan does not constitute compliance with this permit.
- f) Upon approval, the permit registrant must implement the corrective actions identified in the Action Plan within 60 calendar days, unless otherwise approved by the department or agent.
- g) If the department or agent affirms the assertion that background or natural conditions contributed to the benchmark exceedance, the permit registrant is not required to make this demonstration again during the term of this permit.

**10. Benchmark Compliance Evaluation**

- a) By June 30<sup>th</sup> of the 4<sup>th</sup> year of permit coverage, the permit registrant must evaluate the last four samples collected from each outfall monitored and determine whether the geometric mean of the samples exceeds benchmark(s). This condition is not applicable to a permit registrant with a monitoring waiver as described in condition B.3.
- b) The permit registrant must report this information in a Discharge Monitoring Report (DMR) and submit the DMR to the department or agent by July 31<sup>st</sup> of the 4<sup>th</sup> year of permit coverage as described in condition B.4.a.
- c) If the geometric mean of the samples exceeds benchmark(s), the department will revoke the permit registrant's coverage under this permit and will require the permit registrant to apply for an individual permit pursuant to OAR 340-045-0033(10) and OAR 340-045-0060.

## SCHEDULE B MONITORING AND REPORTING REQUIREMENTS

1. **Minimum Monitoring Requirements** - All permit registrants must monitor stormwater associated with industrial activity for the following:

GRAB SAMPLES OF STORMWATER*	
Parameter	Frequency**
Total Copper	Four times per Year
Total Lead	Four times per Year
Total Zinc	Four times per Year
pH	Four times per Year
Total Suspended Solids	Four times per Year
Total Oil & Grease	Four times per Year
E. coli***	Four times per Year

\* For each outfall monitored, the permit registrant may collect a single grab sample or a series of equal volume grab samples. Samples must be collected from the same storm event.

\*\* The permit registrant is allowed to collect more samples than the minimum frequency requires and must report this data.

\*\*\*The monitoring for E. coli applies only to landfills, if septage and sewage biosolids are disposed at the site, and sewage treatment plants.

VISUAL MONITORING OF STORMWATER	
Parameter	Frequency
Floating Solids (associated with industrial activities)	Once per Month (when discharging)
Oil & Grease Sheen	Once per Month (when discharging)

2. **Grab Sampling and Visual Monitoring Procedures and Locations** - The following requirements apply to monitoring conducted in compliance with condition B.1 above.

- a) **Grab Sampling and Visual Monitoring Methodology** - The monitoring period is from July 1 to June 30<sup>th</sup>. Grab samples must be representative of the discharge and must be taken at least 14 calendar days apart. Two samples must be collected before December 31, and two samples must be collected after January 1. Time or flow-weighted compositing of samples may be used as an alternative to grab samples, except when monitoring for pH, oil and grease, and E. coli. Visual monitoring must occur at outfall(s) or discharge point(s) identified in the SWPCP as outfall(s) or point(s) where stormwater monitoring will occur.
- b) **Multiple Point Source Discharges** - Each stormwater outfall must be monitored unless:
- i) The outfall serves an area with no exposure of stormwater to industrial activities; or
  - ii) The outfall has effluent that is substantially similar to the effluent(s) of a monitored outfall and the same BMPs are implemented and maintained at the similar outfalls or drainage areas that lead to the outfalls. Substantially similar effluent(s) are discharges from drainage areas serving comparable activities where the discharges are expected to be similar in composition. The determination of substantial similarity or effluent(s)

must be based on past monitoring or an analysis of industrial activities and site characteristics. The data or analysis supporting that the outfalls are representative must be included in the SWPCP as described in A.3.b.vii.

- iii) If sampling points are modified, permit registrants must notify the department or agent and submit an Action Plan as described in condition A.2.c.

- c) **Monitoring Location** - All samples must be taken at monitoring points specified in the SWPCP before the stormwater joins or is diluted by any other wastestream, body of water or substance, unless otherwise approved in writing by the department.

- d) **Sampling Variance**

- i) Permit registrants may request a sampling variance for missed samples if one of the following criteria is met:
  - a) State or federal authorities declared the year a drought year.
  - b) Demonstrate that rainfall in the area where the permit registrant's facility is located was 20% or more below the three-year average rainfall for that area.
  - c) Demonstrate to the department or agent's satisfaction that samples were unable to be collected due to the infrequency of storm events of sufficient magnitude to produce run-off. Supporting data and analysis must be submitted to the department or agent.
- ii) Permit registrants must submit to the department or agent a written request for a sampling variance by July 31<sup>st</sup> of the monitoring year in which the missed sampling occurred.

3. **Monitoring Waiver**

- a) **Visual Observations** - There is no reduction allowed of the required visual observations.
- b) **Grab Samples** - If at least four consecutive sampling results meet the benchmarks specified in condition A.8, the permit registrant is not required to collect grab samples for the remainder of the permit term. Where the permit registrant demonstrates to the department or agent's satisfaction that a benchmark exceedance resulted from background or natural conditions as described in condition A.9, the department or agent will consider these samples as meeting the benchmark(s) for the purposes of granting a monitoring waiver. There is no reduction in monitoring allowed for facilities subject to CFR limitations as described in condition A.7.
  - i) Results from sampling events cannot be averaged to meet the benchmarks.
  - ii) Monitoring waivers may be allowed for individual parameters.
  - iii) The permit registrant must submit to the department or agent a request to exercise the monitoring waiver that includes the analytical results from the four sampling events. If the department or agent does not comment within 30 calendar days, the monitoring waiver is deemed approved.
- c) **Revocation of Monitoring Waiver**
  - i) The permit registrant must conduct monitoring as specified in condition B.1 if:
    - a) The department or agent determines that prior monitoring efforts used to establish the monitoring waiver were improper or sampling results were incorrect;
    - b) The department, agent or permit registrant determines that changes to site conditions are likely to affect stormwater discharge characteristics, or
    - c) The department, agent or permit registrant conducts additional monitoring and the sampling results exceed benchmark(s).

- ii) The department or agent will notify the permit registrant in writing if the monitoring waiver is revoked.

4. **Monitoring Reporting Requirements** - The permit registrant must submit the following to the appropriate DEQ regional office or agent:

- a) **Monitoring Data** - The permit registrant must submit by July 31<sup>st</sup> of each year grab sampling and visual monitoring results for the previous monitoring period (July 1- June 30). The permit registrant must also report the minimum detection levels and analytical methods for the parameters analyzed. Non-detections must be reported as "ND" with the detection limit in mg/L parentheses, e.g., ND (0.005 mg/L). In calculating the geometric mean as described in condition A.10, one-half of the detection limits must be used for non-detections.
- b) **Report Forms** - The permit registrant must use a department-approved Discharge Monitoring Report (DMR) form for both visual and analytical monitoring results.

**SCHEDULE C  
COMPLIANCE CONDITIONS AND SCHEDULES**

1. **An Existing Permit Registrant** that is either renewing or transferring coverage under the permit where there are no changes to operation or industrial type (for a facility operating under an NPDES stormwater discharge permit prior to July 1, 2007):
  - a) Not later than 90 calendar days after renewing or transferring coverage under the permit, permit registrant must implement new site controls identified in the SWPCP to meet new permit requirements.
  - b) Site controls that are developed to meet new permit requirements that require capital improvements (see Schedule D.3, Definitions) must be completed in accordance with the schedule set forth in the SWPCP, but must be completed within two years of renewing or transferring coverage under this permit.
2. **A New Permit Registrant with an Existing Facility** (for a facility operating before July 1, 2007, without an NPDES stormwater discharge permit):
  - a) Not later than 90 calendar days after obtaining permit coverage, the permit registrant must implement site controls identified in the SWPCP to meet the new permit requirements.
  - b) Site controls that are developed to meet new permit requirements that require capital improvements (see Schedule D.3, Definitions) must be completed in accordance with the schedule set forth in the SWPCP, but must be completed within two years of obtaining permit coverage.
3. **A New Permit Registrant with a New Facility** (for a facility beginning operation after July 1, 2007 without an NPDES stormwater discharge permit):
  - a) A permit registrant must begin implementation of the SWPCP before starting operations. Not later than 90 calendar days after obtaining permit coverage, the permit registrant must fully implement site controls identified in the SWPCP.
  - b) Site controls that require capital improvements (see Schedule D.3, Definitions), must be completed in accordance with the schedule set forth in the SWPCP, but must be completed within two years of obtaining permit coverage.
4. **A New Permit Registrant Discharging to Clackamas River, McKenzie River above Hayden Bridge (River Mile 15) or North Santiam River** (For potential or existing dischargers that did not have a permit prior to January 28, 1994, and existing dischargers that have a NPDES stormwater discharge permit but request an increased load limitation.)
  - a) Not later than 180 calendar days after obtaining permit coverage, permit registrant must submit to the department a monitoring and water quality evaluation program. This program must be effective in evaluating the in-stream impacts of the discharge as required by OAR 340-041-0470.

- b) Within 30 calendar days of department approval, the permit registrant must implement the monitoring and water quality evaluation program.

**SCHEDULE D  
SPECIAL CONDITIONS**

1. **Releases in Excess of Reportable Quantities.** This permit does not relieve the permit registrant of the reporting requirements of 40 CFR §117 Determination of Reportable Quantities for Hazardous Substances and 40 CFR §302 Designation, Reportable Quantities, and Notification.
2. **Availability of SWPCP and Monitoring Data.** The Stormwater Pollution Control Plan (SWPCP) or stormwater monitoring data must be made available to government agencies responsible for stormwater management in the permit registrant's area.
3. **Definitions**
  - a) *Action Plan* means an addendum to the SWPCP developed in response to modification to the SWPCP or in response to a benchmark exceedance.
  - b) *Capital Improvements* means the following improvements that require capital expenditures:
    - i) Treatment best management practices including but not limited to settling basins, oil/water separation equipment, catch basins, grassy swales, detention/retention basins, and media filtration devices.
    - ii) Manufacturing modifications that incur capital expenditures, including process changes for reduction of pollutants or wastes at the source.
    - iii) Concrete pads, dikes and conveyance or pumping systems utilized for collection and transfer of stormwater to treatment systems.
    - iv) Roofs and appropriate covers for manufacturing areas.
  - c) *Hazardous Substances* as defined in 40 CFR §302 Designation, Reportable Quantities, and Notification.
  - d) *Material Handling Activities* include the storage, loading and unloading, transportation or conveyance of raw material, intermediate product, finished product, by-product or waste product.
  - e) *Point Source Discharge* means a discharge from any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, or conduit.
  - f) *Significant Materials* includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical that a facility is required to report pursuant to section 313 of title III of SARA; fertilizers; pesticides; and waste products such as ash, slag, and sludge that have the potential to be released with stormwater discharges.
  - g) *Site Controls* is analogous to Best Management Practices.
  - h) *Stormwater Associated With Industrial Activity* includes, but is not limited to, stormwater discharges from the following:
    - Industrial plant yards

- Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility
- Material handling sites (Material handling activities include the storage, loading and unloading, transportation or conveyance of raw material, intermediate product, finished product, by-product or waste product.)
- Refuse sites
- Sites used for the application or disposal of process waste waters (as defined in 40 CFR § 401)
- Sites used for storage or maintenance of material handling equipment
- Sites used for residual treatment, storage, or disposal; shipping and receiving areas
- Manufacturing buildings
- Storage areas (including tank farms) for raw materials, and intermediate and finished products
- Areas where industrial activity has taken place in the past and significant materials remain and are exposed to stormwater. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical that a facility is required to report pursuant to section 313 of title III of SARA; fertilizers; pesticides; and waste products such as ash, slag, and sludge that have the potential to be released with stormwater discharges.

- i) *Stormwater Conveyance* means a sewer, ditch, or swale that is designed to carry stormwater; a stormwater conveyance may also be referred to as a storm drain or storm sewer.
- j) *Total Maximum Daily Load (TMDL)* is the sum of the individual Waste Load Allocations (WLAs) for point sources and Load Allocations (LAs) for nonpoint sources and background. If a receiving water body has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure.

**4. Local Public Agencies Acting as the Department's Agent**

The department authorizes local public agencies to act as its agent in implementing this permit if they entered into a Memorandum of Agreement (MOA). The agent may be authorized to conduct the following activities, including but not limited to: application review and approval, inspections, monitoring data review, stormwater and wastewater monitoring, SWPCP review, and verification and approval of no-exposure certifications. Where the department has entered into such an agreement, the department or its agent must notify the permit registrant of where to submit no-exposure certifications, and other notifications or correspondence associated with this permit. Annual discharge monitoring reports, including analytical monitoring data and visual monitoring results, SWPCPs and Actions Plans must be submitted to both the department and the agent.

## SCHEDULE F NPDES GENERAL CONDITIONS – INDUSTRIAL FACILITIES

### SECTION A. STANDARD CONDITIONS

1. Duty to Comply

The permit registrant must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Oregon Revised Statutes (ORS) 468B.025 and 40 CFR 122.41(a) and is grounds for enforcement action; for permit termination, revocation, reissuance, or modification; or for denial of a permit renewal application.

2. Penalties for Water Pollution and Permit Condition Violations

ORS 468.140 allows the department to impose civil penalties up to \$10,000 per day for violation of a term, condition, or requirement of a permit. Additionally, 40 CFR 122.41, modified by 40 CFR 19.4, provides that any person who violates any permit condition, term, or requirement may be subject to a federal civil penalty not to exceed \$32,500 per day of each violation.

Under ORS 468.943 and 40 CFR 122.41, modified by 40 CFR 19.4, unlawful water pollution, if committed by a person with criminal negligence, is punishable by a fine of up to \$32,500 or by imprisonment for not more than one year, or by both. Each day on which a violation occurs or continues is a separately punishable offense.

Under ORS 468.946, a person who knowingly discharges, places or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state, is subject to a Class B felony punishable by a fine not to exceed \$200,000 and up to 10 years in prison. Additionally, under 40 CFR §122.41(a) any person who knowingly discharges, places, or causes to be placed any waste into the waters of the state or in a location where the waste is likely to escape into the waters of the state is subject to a federal civil penalty not to exceed \$100,000, and up to 6 years in prison.

3. Duty to Mitigate

The permit registrant must take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. In addition, upon request of the Department, the permit registrant must correct any adverse impact on the environment or human health resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

4. Duty to Reapply

If the permit registrant wishes to continue an activity regulated by this permit after the expiration date of this permit, the permit registrant must apply to have the permit renewed. The application must be submitted at least 180 days before the expiration date of this permit.

The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.

5. Permit Actions

This permit may be modified, suspended, revoked and reissued, or terminated for cause including, but not limited to, the following:

- a. Violation of any term, condition, or requirement of this permit, a rule, or a statute;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all material facts;
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d. The permit registrant is identified as a Designated Management Agency or allocated a wasteload under a Total Maximum Daily Load (TMDL);
- e. New information or regulations;
- f. Modification of compliance schedules;
- g. Requirements of permit re-opener conditions;
- h. Correction of technical mistakes made in determining permit conditions;
- i. Determination that the permitted activity endangers human health or the environment, or
- j. Other causes as specified in 40 CFR §§122.62, 122.64, and 124.5.

The filing of a request by the permit registrant for a permit modification or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. Toxic Pollutants

The permit registrant must comply with any applicable effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

7. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.

8. Permit References

Except for effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act, all rules and statutes referred to in this permit are those in effect on the date this permit is issued.

**SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS**

1. Proper Operation and Maintenance

The permit registrant must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permit registrant to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permit registrant only when the operation is necessary to achieve compliance with the conditions of the permit.

Duty to Halt or Reduce Activity

For industrial or commercial facilities, upon reduction, loss, or failure of the treatment facility, the permit registrant must, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced or lost. It is not a defense for a permit registrant in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Treatment Facilities

a. Definitions

- (1) "Bypass" means intentional diversion of waste streams from any portion of the treatment facility. The term "bypass" does not include nonuse of singular or multiple units or processes of a treatment works when the nonuse is insignificant to the quality or quantity of the effluent produced by the treatment works. The term "bypass" does not apply if the diversion does not cause effluent limitations to be exceeded, provided the diversion is to allow essential maintenance to assure efficient operation.
- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities or treatment processes which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Prohibition of bypass.

(1) Bypass is prohibited unless:

- (a) Bypass was necessary to prevent loss of life, personal injury, or severe property damage;
- (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
- (c) The permit registrant submitted notices and requests as required under General Condition B.3.c.

- (2) The Director may approve an anticipated bypass, after considering its adverse effects and any alternatives to bypassing, when the Director determines that it will meet the three conditions listed above in General Condition B.3.b.(1).

c. Notice and request for bypass.

- (1) Anticipated bypass. If the permit registrant knows in advance of the need for a bypass, it must submit prior written notice, if possible at least ten days before the date of the bypass.
- (2) Unanticipated bypass. The permit registrant must submit notice of an unanticipated bypass as required in General Condition D.5.

4. Upset

- a. Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permit registrant. An upset does not include noncompliance to the extent caused by operation error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of General Condition B.4.c are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A permit registrant who wishes to establish the affirmative defense of upset must demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An upset occurred and that the permit registrant can identify the causes(s) of the upset;
- (2) The permitted facility was at the time being properly operated;
- (3) The permit registrant submitted notice of the upset as required in General Condition D.5, hereof (24-hour notice); and
- (4) The permit registrant complied with any remedial measures required under General Condition A.3 hereof.
- d. Burden of proof. In any enforcement proceeding the permit registrant seeking to establish the occurrence of an upset has the burden of proof.

5. Treatment of Single Operational Event

For purposes of this permit, A Single Operational Event which leads to simultaneous violations of more than one pollutant parameter must be treated as a single violation. A single operational event is an exceptional incident which causes simultaneous, unintentional, unknowing (not the result of a knowing act or omission), temporary noncompliance with more than one Clean Water Act effluent discharge pollutant parameter. A single operational event does not include Clean Water Act violations involving discharge without a NPDES permit or noncompliance to the extent caused by improperly designed or inadequate treatment facilities. Each day of a single operational event is a violation.

6. Overflows from Wastewater Conveyance Systems and Associated Pump Stations

a. Definitions

- (1) "Overflow" means the diversion and discharge of waste streams from any portion of the wastewater conveyance system including pump stations, through a designed overflow device or structure, other than discharges to the wastewater treatment facility.
- (2) "Severe property damage" means substantial physical damage to property, damage to the conveyance system or pump station which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of an overflow.
- (3) "Uncontrolled overflow" means the diversion of waste streams other than through a designed overflow device or structure, for example to overflowing manholes or overflowing into residences, commercial establishments, or industries that may be connected to a conveyance system.

b. Prohibition of overflows. Overflows are prohibited unless:

- (1) Overflows were unavoidable to prevent an uncontrolled overflow, loss of life, personal injury, or severe property damage;
- (2) There were no feasible alternatives to the overflows, such as the use of auxiliary pumping or conveyance systems, or maximization of conveyance system storage; and

- (3) The overflows are the result of an upset as defined in General Condition B.4. and meeting all requirements of this condition.
- c. Uncontrolled overflows are prohibited where wastewater is likely to escape or be carried into the waters of the State by any means.
- d. Reporting required. Unless otherwise specified in writing by the Department, all overflows and uncontrolled overflows must be reported orally to the Department within 24 hours from the time the permit registrant becomes aware of the overflow. Reporting procedures are described in more detail in General Condition D.5.
7. Public Notification of Effluent Violation or Overflow  
If effluent limitations specified in this permit are exceeded or an overflow occurs, upon request by the Department, the permit registrant must take such steps as are necessary to alert the public about the extent and nature of the discharge. Such steps may include, but are not limited to, posting of the river at access points and other places, news releases, and paid announcements on radio and television.
8. Removed Substances  
Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters must be disposed of in such a manner as to prevent any pollutant from such materials from entering public waters, causing nuisance conditions, or creating a public health hazard.

## SECTION C. MONITORING AND RECORDS

1. Representative Sampling  
Sampling and measurements taken as required herein must be representative of the volume and nature of the monitored discharge. All samples must be taken at the monitoring points specified in this permit and must be taken, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points must not be changed without notification to and the approval of the Director.
2. Flow Measurements  
Appropriate flow measurement devices and methods consistent with accepted scientific practices must be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices must be installed, calibrated and maintained to insure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected must be capable of measuring flows with a maximum deviation of less than  $\pm 10$  percent from true discharge rates throughout the range of expected discharge volumes.
3. Monitoring Procedures  
Monitoring must be conducted according to test procedures approved under 40 CFR §136, unless other test procedures have been specified in this permit.
4. Penalties of Tampering  
The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit must, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person, punishment is a fine not more than \$20,000 per day of violation, or by imprisonment of not more than four years or both.
5. Reporting of Monitoring Results  
Monitoring results must be summarized each month on a Discharge Monitoring Report form approved by the Department. The reports must be submitted monthly and are to be mailed, delivered or otherwise transmitted by the 15th day of the following month unless specifically approved otherwise in Schedule B of this permit.
6. Additional Monitoring by the Permit registrant  
If the permit registrant monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR §136 or as specified in this permit, the results of this monitoring must be included in the calculation and reporting of the data

submitted in the Discharge Monitoring Report. Such increased frequency must also be indicated. For a pollutant parameter that may be sampled more than once per day (e.g., Total Chlorine Residual), only the average daily value must be recorded unless otherwise specified in this permit.

7. Averaging of Measurements

Calculations for all limitations which require averaging of measurements must utilize an arithmetic mean, except for bacteria which must be averaged as specified in this permit.

8. Retention of Records

Except for records of monitoring information required by this permit related to the permit registrant's sewage sludge use and disposal activities, which must be retained for a period of at least five years (or longer as required by 40 CFR §503), the permit registrant must retain records of all monitoring information, including all calibration and maintenance records of all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

9. Records Contents

Records of monitoring information must include:

- a. The date, exact place, time and methods of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

10. Inspection and Entry

The permit registrant must allow the Director, or an authorized representative upon the presentation of credentials to:

- a. Enter upon the permit registrant's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, and
- d. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by state law, any substances or parameters at any location.

**SECTION D. REPORTING REQUIREMENTS**

1. Planned Changes

The permit registrant must comply with Oregon Administrative Rules (OAR) 340, Division 052, "Review of Plans and Specifications". Except where exempted under OAR 340-052, no construction, installation, or modification involving disposal systems, treatment works, sewerage systems, or common sewers must be commenced until the plans and specifications are submitted to and approved by the Department. The permit registrant must give notice to the Department as soon as possible of any planned physical alternations or additions to the permitted facility.

2. Anticipated Noncompliance

The permit registrant must give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. Transfers

This permit may be transferred to a new permit registrant provided the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of the permit and the rules of the Commission. No permit must be transferred to a third party without prior written approval from the Director. The permit registrant must notify the Department when a transfer of property interest takes place.

#### Compliance Schedule

Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date. Any reports of noncompliance must include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements.

#### 5. Twenty-Four Hour Reporting

The permit registrant must report any noncompliance which may endanger health or the environment. Any information must be provided orally (by telephone) within 24 hours, unless otherwise specified in this permit, from the time the permit registrant becomes aware of the circumstances. During normal business hours, the Department's Regional office must be called. Outside of normal business hours, the Department must be contacted at 1-800-452-0311 (Oregon Emergency Response System).

A written submission must also be provided within 5 days of the time the permit registrant becomes aware of the circumstances. If the permit registrant is establishing an affirmative defense of upset or bypass to any offense under ORS 468.922 to 468.946, and in which case if the original reporting notice was oral, delivered written notice must be made to the Department or other agency with regulatory jurisdiction within 4 (four) calendar days. The written submission must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected;
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and
- e. Public notification steps taken, pursuant to General Condition B.7.

The following must be included as information which must be reported within 24 hours under this paragraph:

- a. Any unanticipated bypass which exceeds any effluent limitation in this permit.
- b. Any upset which exceeds any effluent limitation in this permit.
- c. Violation of maximum daily discharge limitation for any of the pollutants listed by the Director in this permit.

The Department may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

#### 6. Other Noncompliance

The permit registrant must report all instances of noncompliance not reported under General Condition D.4 or D.5, at the time monitoring reports are submitted. The reports must contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times;
- c. The estimated time noncompliance is expected to continue if it has not been corrected; and
- d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

#### 7. Duty to Provide Information

The permit registrant must furnish to the Department, within a reasonable time, any information which the Department may request to determine compliance with this permit. The permit registrant must also furnish to the Department, upon request, copies of records required to be kept by this permit.

Other Information: When the permit registrant becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Department, it must promptly submit such facts or information.

#### 8. Signatory Requirements

All applications, reports or information submitted to the Department must be signed and certified in accordance with 40 CFR §122.22.

#### 9. Falsification of Reports

Under ORS 468.953, any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, is subject to a Class C felony punishable by a fine not to exceed \$100,000 per violation and up to 5 years in prison.

**SECTION E. DEFINITIONS**

1. BOD means five-day biochemical oxygen demand.
2. TSS means total suspended solids.
3. mg/l means milligrams per liter.
4. kg means kilograms.
5. m<sup>3</sup>/d means cubic meters per day.
6. MGD means million gallons per day.
7. Composite sample means a sample formed by collecting and mixing discrete samples taken periodically and based on time or flow.
8. FC means fecal coliform bacteria.
9. Technology based permit effluent limitations means technology-based treatment requirements as defined in 40 CFR §125.3, and concentration and mass load effluent limitations that are based on minimum design criteria specified in OAR 340-041.
10. CBOD means five day carbonaceous biochemical oxygen demand.
11. Grab sample means an individual discrete sample collected over a period of time not to exceed 15 minutes.
12. Quarter means January through March, April through June, July through September, or October through December.
13. Month means calendar month.
14. Week means a calendar week of Sunday through Saturday.
15. Total residual chlorine means combined chlorine forms plus free residual chlorine.
16. The term "bacteria" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and E. coli bacteria.
17. POTW means a publicly owned treatment works.



# CITY OF PORTLAND ENVIRONMENTAL SERVICES



Water Pollution Control Laboratory

6543 N. Burlington Avenue, Bldg. 217, Portland, Oregon 97203 • Sam Adams, Commissioner • Dean Marriott, Director

March 25, 2008

Ron Brown  
McCall Oil & Chemical Corporation  
5480 NW Front Avenue.  
Portland, OR 97210

Dear Mr. Brown:

On March 25, 2008, the City of Portland (City) staff conducted an inspection of the McCall Oil facility located at 5480 NW Front Avenue. The purpose of the inspection was to evaluate the facility's compliance with the 1200-Z NPDES Stormwater Permit requirements. The following items were noted and discussed during the inspection:

- As discussed, the site SWPCP needs to be revised to meet the 1200-Z permit requirements. Please refer to the SWPCP Checklist to guide these revisions.
- The catch basins in the loading rack areas do not have inverted elbows in the outlet pipes. Spill kits, catch basin inserts with oil socks, or catch basin mats/covers were also not observed in these areas. These Spill Prevention, Containment, & Control BMPs are good industrial practices for bulk oil terminals. Based on the oil sheen in the last chamber of the OWS, which was being absorbed by oil socks, you are urged to adopt them to prevent an on-site spill from overwhelming the OWS and becoming a spill to the river.
- There are several shut-off valves mentioned in the SWPCP but there is no preventative maintenance program in place to make sure that they will work properly during a spill. Nor is it readily observable if they are closed or open. Having such indicating signage will save time and effort by site staff when it counts the most. You are encouraged to include these procedures along with your currently scheduled preventative maintenance work.

The revisions to the SWPCP need to be received within 45 days, or by **May 15, 2008**. The City appreciates your continued concern to enhance the Willamette River Watershed. If you have any questions please do not hesitate to call me at 503/823-5537.

Sincerely,

Timothy P. Dean  
Permit Manager  
City of Portland  
Industrial Stormwater Section

## New 1200-Z Permit Requirements

Category	Old 1200-Z	New 1200-Z
Benchmark Exceedances	Review and update the Storm Water Pollution Control Plan (SWPCP).	Within 30 days of receiving the results of a benchmark exceedance, submit Action Plan that contains (1) results of review, (2) a corrective action, (3) and an implementation schedule.
Sampling	Sampling 2 times per year.	Sampling 4 times per year
	Collected samples must be at least 60 days apart.	Collected samples must be at least 14 days apart.
Time or flow-weighted composite samples	No allowance for time or flow-weighted composite sampling for grab samples.	Time or flow-weighted composite samples can be used, except for pH, oil & grease, and e.coli as an alternative to grab samples.
Monitoring Period	One sample collected between October 1 <sup>st</sup> and December 31 <sup>st</sup> and one sample collected between January 1 <sup>st</sup> and April 30 <sup>th</sup> .	Two samples collected between July 1 <sup>st</sup> and December 31 <sup>st</sup> and two samples collected between January 1 <sup>st</sup> and June 30 <sup>th</sup> .
Employee Training	Develop an employee education program. Inform employees on the elements of the SWPCP, including spill response and good housekeeping.	Hold training within 30 days of hiring new employee who will conduct duties related to implementing the SWPCP or working in areas where stormwater is exposed to industrial activities. Conduct education program annually.
Monthly Inspections	Monthly inspections of areas where potential spills of significant materials or industrial activities occur. May occur during any weather.	Same.
	<b>Monthly</b> inspections of stormwater control measures, structures, catch basins, and treatment facilities.	Same.
Visual Monitoring	<b>Monthly</b> visual monitoring for (1) oil and grease, and (2) floating solids at all outfall(s) or discharge point(s) where stormwater monitoring will occur. Must occur while discharging stormwater, i.e. when it is raining.	Same.
Documentation	Records of inspection, maintenance and repair, education activities, and any spills.	Same.
Monitoring Waiver	Monitoring waiver can be obtained for individual parameters after four consecutive samples collected are at or below the benchmark	Limited to one permit term. Re-sample designated sampling points to establish the waiver.

Category	Old 1200-Z	New 1200-Z
	ALL outfalls must be sampled unless (1) outfall serves area with no exposure to industrial activity or (2) outfall has similar effluents as other monitored outfalls. Data or analysis must be provided to support this determination..	ALL outfalls must be sampled unless (1) outfall serves an area with no exposure to industrial activity or (2) outfall has similar effluents and <i>same BMPs</i> as other monitored outfalls. Data or analysis must be provided to support this determination.
	No monitoring waiver for visual observations	Same.
Data Submittal	Submit annual reports and laboratory results sheets to the DEQ by July 15 <sup>th</sup> .	Submit Discharge Monitoring Report form (DMR) along with laboratory results sheets to DEQ or Agent by July 31 <sup>st</sup> .
		In the 4 <sup>th</sup> year only, evaluate the last 4 samples collected from each outfall for each benchmark parameter, calculate the geometric mean of sample results, and report geometric mean value in DMR.
Authorization of Non-Stormwater	No authorization for non-stormwater discharges in permit	Authorization for certain discharges such as fire-fighting activities, fire hydrants, potable water, irrigation drainage, landscape watering.



# CITY OF PORTLAND ENVIRONMENTAL SERVICES



Water Pollution Control Laboratory  
6543 N. Burlington Ave., Portland, Oregon 97203-5452  
(503) 823-5600

March 21, 2007

Ron Brown  
McCall Oil  
5480 NW Front Ave.  
Portland, OR 97210

Re: Annual Stormwater Facility Inspection – McCall Oil & Chemical Corporation

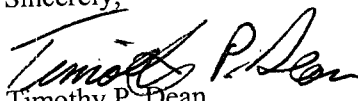
Dear Mr. Brown:

The City of Portland (City) conducted an inspection of the McCall Oil facility on March 15, 2007. The purpose of the inspection was to evaluate the facility's compliance with the 1300-J NPDES Stormwater Permit. The following items were noted and discussed during the inspection:

- As discussed, some corrections need to be made to your on-site sampling protocols, specifically for Oil & Grease. *Schedule F, Section C.3* of the 1200-Z permit states, "Monitoring must be conducted according to test procedures approved under 40 CFR§136, unless other test procedures have been specified in this permit." For Oil & Grease the accepted methods are EPA Method 1664 and Standard Methods 5520B. The sample must be collected directly into a glass container, as no plastics are allowed in the sample collection process. This information was sent to you in 2001, 2004 and reference in a letter dated August 18, 2005 from the City to you. It is advised that McCall review the regulations found in 40 CFR 136, [http://www.access.gpo.gov/nara/cfr/waisidx\\_03/40cfr136\\_03.html](http://www.access.gpo.gov/nara/cfr/waisidx_03/40cfr136_03.html) and the oil and grease method 1664, [www.nemi.gov](http://www.nemi.gov)
- As discussed, as your facility makes the transition to the 1200-Z NPDES Stormwater Permit your routine site inspection process needs to include monthly visual monitoring of the site's stormwater control structures as per *Schedule B.1* of the new permit. Please use the handout titled Industry Monitoring Responsibilities to help guide you.

In addition, as you make the above-mentioned changes your facility's SWPCP will need to be updated to reflect the most current sampling needs and the visual monitoring needs. The City appreciates your continued concern to enhance the Willamette River Watershed. If you have any questions please do not hesitate to call me at 503.823.5535.

Sincerely,

  
Timothy P. Dean  
Industrial Stormwater Section



# CITY OF PORTLAND ENVIRONMENTAL SERVICES



Water Pollution Control Laboratory  
6543 N. Burlington Ave., Portland, Oregon 97203-5452  
(503) 823-5600

[http://www.cleanrivers-pdx.org/business\\_svc/industrial\\_stormwater.htm](http://www.cleanrivers-pdx.org/business_svc/industrial_stormwater.htm)

October 3, 2003

Ron Brown  
McCall Oil  
5480 NW Front Ave.  
Portland, OR 97210

RE: Stormwater Facility Inspection of June 26, 2003.

Dear Mr. Brown:

Thank you for your time during the inspection of your facility at the 5480 NW Front Ave location. This inspection was conducted to assess compliance with your 1300 J stormwater permit. Based on the site observations, review of the file, and recent discussions, there are a few items that must be addressed.

- The City of Portland (City) has failed to receive any Data Monitoring Reports (DMR) since September 29, 2001. Please submit DMRs from October 2001 through December 2002. On the inspection you provided me with the DMRs for January 2003 – May 2003. A review of the file indicates that we somehow failed to receive June 2003, so please forward that report along with the future reports starting in September 2003. Once these are submitted, the City file should be up-to-date.
- The DMR reports that were given to the City at the time of the inspection lacked the flow data information. Per Schedule B, a daily flow is to be estimated and then reported on the approved DMR form. Also, the daily observations for an oil/grease sheen; sampling data; dates, amount of material (gallons and/or or cubic feet) removed from the o/w separator and disposal location must be included on the DMR. Currently, the DMRs are only reflecting sample data.
- Per your request, the City reviewed the permit in order to assess if the catch basins located in the gravel area could be disconnected from the o/w separator and discharged directly to the Willamette River. This request is due to the fact that the o/w separator is not sized to be able to handle a large rain event. The City reviewed the permit and it mentions that the only deminimis areas would be a dispensing area for a final user. Thus, due to your activities this area would still need to be monitored per the permit requirements. But, the gravel area that receives no industrial activity could be disconnected from the system per the permit. It is recommended due to the pending sale of the property that McCall hold off on any permits for this process until after the property transaction is complete.
- Based on our conversation on September 18, 2003, McCall exceeded the O/G limit of 15mg/L daily maximum. It is understood that McCall had pressure washed their o/w separator and painted the plates for corrosion resistance with an enamel paint. Then the O/W separator was filled with City water in order to get the system back online. Then a sample was obtained. It was indicated that this process has occurred for many years and the limit has never been exceeded. The following are items associated with this activity.
  - The pressure wash water must be captured and shall not be allowed to discharge to the Willamette River, even if there are no soaps or additives utilized. This water is

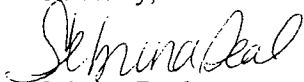
Ron Brown – McCall Oil  
Stormwater inspection  
October 9, 2003  
Page 2 of 2

potentially carrying pollutants, such as, oil and grease, solids, metals, etc. This water must be discharged to the sanitary sewer.

- The City water that is placed in the o/w separator may not be commingled with stormwater and then a sample obtained, per Schedule F.C.1. This sample does not represent the activities onsite and dilutes future samples when there is a rain event. It was expressed that the o/w separator must be filled with water to recharge it and bring it back online; however, this process is not in compliance with the permit. Please contact the City so we can work out a solution to this issue.
- McCall had inquired of the possibility that the violation was caused by the City's well water (since the City switched to well water), as it was thought the phosphate levels could possibly produce polymers (which according to the laboratory is what was contained in the sample) somehow in the o/w separator. The City does not believe this is a possibility, rather McCall should investigate the possibility of the enamel leaching into the water (as it possibly hadn't dried prior to filling the o/w separator) or there were cleaning additives utilized when pressure washing. These are only a couple possibilities and McCall will need to continue their investigation since Schedule F.D.6 states this noncompliance instance will need to be reported, a cause given, and enclosed with the monitoring report.
- It was noted that the sampling system appears to only capture the discharge from one chamber of the four-chambered o/w separator. You also indicated that the visual flow data is taken from this one chamber. The City understands that the stormwater flow is allowed to randomly flow into any of the four chambers, thus due to the engineering of the o/w separator, obtaining a sample from one chamber is not representing the total discharge. This is true for the flow as well. Per Schedule F.C.1, the sample will need to be taken at the ultimate discharge location. The daily estimated flow volumes must also be taken at the ultimate discharge location. Again, as discussed last year, the o/g samples per EPA guidance are to be taken directly into the sample container.
- It is unclear to the City where the boiler blowdown discharges. Please submit complete maps of the facility that indicate stormwater drainage lines, structures, and discharge points.
- The City doesn't have on file the current SPCC plan for McCall oil; please submit a plan for our records.

Please submit the requested documents and a letter addressing the aforementioned issues to the City and the DEQ by November 9, 2003. If you have any questions please don't hesitate to call me at 503.823.5535.

Sincerely,



Sebrina Deal  
Industrial Stormwater Section  
[Sebrinand@bes.ci.portland.or.us](mailto:Sebrinand@bes.ci.portland.or.us)

Cc: Eliot Zias – ODEQ

October 16, 2003

Sebrina Deal  
Industrial Stormwater Section  
City Of Portland  
6543 N Burlinton Ave.,  
Portland, Oregon 97203

RE: Letter Dated October 3, 2003

Dear Ms.Deal

I'm Reply to your letter you sent and hope I can answer some of questions and hopefully clear up some things.

1). Enclosed is the data that you have requested (Dmrs 10/2001 to 12/02 plus the Dmr 6/03)

2.) The current SPCC Plan 8/03

3.) I have removed the Stainless Steel pump that was located in the one bay for pulling samples. We now have a stainless steel beaker that can be used to draw samples at the ultimate discharge location.

4.) As for the gravel parking area, it is still hooked up to the storm water system. At the time I mentioned this to you I was looking for your input into this matter.

5.) As for our conversation on September 18, 2003 in regards to the high O/G results.

I believe the reason for the high levels O/G from the sample results dated 9/13/03 were due to the fact that during that week we had are first large amount of rain fall in some time.

On 9/02/03 I performed the yearly maintenarce of the separator and drain sytem. I did pressure wash the separator bays using only city water. I first drained the bays and then pressure washed them. That water was then removed along with any sediment from the separator and drains and disposed of by Foss. ( Copy of Bill Attached). That water did not go into the river.

6.) High levels of suspended solids report dated 9/15/03 230mg/l for the boiler blow. I have a letter from our boiler chemical supplier (attached) that explains that with the city on well water that there are higher levels of minerals levels. These minerals are removed from the boiler, when boiler blow downs are preformed. I also have had the

boiler blow down water retested after a inline sediment filter was installed, report dated 9/30/03 the results were 2.3mg/l.

7.) As per your request enclosed is a site map of the storm water system.

If you have any question please call me, office #503-219-0994, Cell# (b) (6)  
Fax # 503-219- 0981.

Thank you for your help,

Ron Brown  
McCall Oil & Chemical

DEQ  
NW Region  
2020 SW Fourth Ave  
Suite 400  
Portland Oregon 97201

10/16/03

Regarding high test reports O/G separator sample and high suspended solids boiler blow down.

I believe the reason for the high levels O/G from the sample results dated 9/13/03 were due to the fact that during that week we had our first large amount of rain fall in some time.

On 9/02/03 we performed the yearly maintenance of the separator and drain system. We drained down the bays and then pressure washed the separator bays using only city water. That water was then removed along with any sediment from the separator and drains and disposed of by Foss. ( Copy of Bill Attached). All drains on the system were cleaned, new silt filters and hay bales installed in drains that are not in the paved parking lot .

High levels of suspended solids report dated 9/15/03 230mg/l for the boiler blow. I have a letter from our boiler chemical supplier (attached) that explains that with the city on well water that there are higher levels of minerals levels. These minerals are removed from the boiler, when boiler blow downs are preformed. I also have had the boiler blow down water retested after a inline sediment filter was installed, report dated 9/30/03 the results were 2.3mg/l.

Thank You,

Ron Brown  
McCall Oil & Chemical

Oregon D.E.Q  
N.W Region  
Attn: Elliot J. Zais

February 14, 2005

Elliot, on January 28<sup>th</sup> we pulled 2 samples at our API separator per your and Sebrina Deals request, 1 by Automatic sampling and 1 by hand. Last Friday I received the results of the auto sampler. Columbia Inspection got a reading of 10.3 on the Auto and 2.0 on the Hand sample. Both samples were pulled @ the same location and within in 3 minutes of each other. I suspect the sample bottle for the Auto Sampler was either contaminated or Columbia Inspection some how got a bad reading.

In the past the Auto Sampler sample has been well within in the permit limits and this is something that we are going to keep our eye on.

If you have any questions or concerns please contact myself or Ted McCall.

Thank you, Ron Brown  
Terminal Manager McCall Oil & Chemical

cc Sebrina Deal  
Ted McCall

TO: DEQ

0500-J BOILER DISCCHARGE PERMIT

From: Ron Brown  
McCall Oil & Chemical

For some reason that I'm unable to explain, the boiler blow down sample was not received by Columbia Inspection in the month of January year 2002. I believe the sample was misplaced during some remodeling work being performed at the time. In an effort to make sure this doesn't happen again I have entered in on my computers calendar to remind me on the last two Mondays of each month.

Everyday we treat and test the boiler blow down water for PH and I have enclosed copies of those records for you to look over. As you can see we double check are results to make sure that we comply. What we don't test for thou is the total suspended solids which we can not test for.

I would of had these results to you earlier but as soon as I saw what we were lacking I had a sample pulled and had Columbia Inspection run tests on it.

I apologize for this error and hope that blow down records and the results that Columbia Inspection will be acceptable for the month of January.

Thank You,

Ron Brown

To: D.E.Q. Northwest Region

4/7/03

For the past year we have been using a stainless steel pump and galvanized pipe to pull the Oil and Grease samples from our separator, as our separator is considered a confined space area.

On the morning of 3/26/03 I received a fax from Columbia Inspection with the Oil and grease results from the sample pulled on 3/15/03. Their test showed we had a 21mg/l for that day, which exceeds our limit of 15mg/l. I called Columbia Inspection and wanted to make sure of their results, they told me that they were correct. Two hours later I received another fax from Columbia inspection for the sample pulled 3/26/03 this one was 29 mg/l.

I went to see what condition the separator was in. The operators when doing their security rounds every 2 hours have to check the separator and log it as part of there rounds and to skim it if needed. Everything looked fine.

I thought it best to inform the DEQ right away that we had 2 out of compliance test results and what actions I was going to take. I contacted Elliot Zack and informed him of the situation and that everything looked fine at the separator that the only thing I could think of was that some how the pump had gotten contaminated. I told him that I was going to clean the pump and have Columbia Inspection come in the next day and retest the pump and that I would go down into the separator and pull a sample and we could then compare them.

The results were the pump was 5mg/l and the sample from inside the separator 4mg/l. This was also redone on 3/29/03 with a 2mg/l and 3mg/l.

So it appears I was correct, either a small droplet of oil had gotten sucked up the piping or that more likely someone grab the end of the pump with oil on their gloves when skimming the separator. I'm trying to take steps for this not to happen again.

If you have any questions please contact me on my cell phone

(b) (6)

Thank you for your help in this matter ,  
Ron Brown

4/9//04

Elliot Zais  
Oregon DEQ  
2020 SW 4<sup>th</sup> Ave, Suite 400  
Portland, Oregon 97201

Re: Updates to separator

Please find enclosed the information on the Coalescing plates that were installed in our separator on 4/9/04.

The flow meters should arrive and be installed next week.

If you have any questions please call, 503-219-0994

Ron Brown

Terminal Manager, McCall Oil & Chemical

Cc: Micheal J. Pronold  
City Of Portland  
Industrial Storm Water Manager

5

6 February, 2004

Michael J. Pronold  
Industrial Stormwater Manger

Re: Letter dated the 21 January 2004

Dear Mr. Pronold,

In regards to the letter you sent me, have done the following.

1. On the permit I have started to list the visible sheen.
2. I have enclosed a copy of the Foss Environmental invoice for the maintenance work that was done on the separator and storm drains for the year 2003.
3. I have been working with Eric J. Schwarz with ANCHOR ENVIRONMETAL (Phone # 503 670 1108) on the daily flow estimate. He has told me that he is working with a couple of different vendors to get me something that will do this. I talked with him on February 5<sup>th</sup> and he said he would have some cost figures for me very soon.

If you have any questions, please call. My office number is 503-219-0994 and my cell is (b) (6).

Thank you,

Ron Brown  
McCall Oil & Chemical

5/10/04

Elliot Zais  
Oregon DEQ  
2020 SW 4<sup>th</sup> Ave, Suite 400  
Portland, Oregon 97201

Re: Updates to separator

Mr. Zais

The updates that I indicated previously have been completed. Starting with May 04 reports I will be able to indicate the daily discharge flow and the automatic sampling system in the separator are all done.

Thank you for your patience in these matters. If you have any questions please call 503-219-0994.

Ron Brown

Terminal Manager,  
McCall Oil & Chemical

Cc: Micheal J. Pronold  
City Of Portland  
Industrial Storm Water Manager

3/12/04

Elliot Zais  
Oregon DEQ  
2020 SW 4<sup>th</sup> Ave, Suite 400  
Portland, Oregon 97201

Re: Updates to separator

Mr. Zais

McCall oil has been working with the engineers to update the separator. We are working closely with Mark Wharry of S.J.O. in putting in some coalescing plates to further help in eliminating the spikes that we saw last year in our oil and grease results.

We are also working with Rick Schwarz, of Anchor Environmental in putting in a flow meter. I have met with both vendors and we are just waiting for the materials to arrive. I'm hoping that, this is the last month of not being able to give a accurate daily flow from our separator.

Thank you for your patience in these matters. If you have any questions please call.  
503-219-0994

Ron Brown

Terminal Manager, McCall Oil & Chemical

Cc: Micheal J. Pronold  
City Of Portland  
Industrial Storm Water Manager

**Ted McCall**

---

**From:** Nelson-Deal, Sebrina [SebrinaND@BES.CI.PORTLAND.OR.US]  
**Sent:** Friday, March 04, 2005 7:34 AM  
**To:** Ted McCall at McCall Oil  
**Cc:** 'ZAIS Elliot'  
**Subject:** RE: Boiler Blowdown Discharge Schematic

Ted,

This doesn't appear to purpose any problems. As Elliot states, as long as it doesn't affect the requirements of your 500J permit. It appears you are installing a manhole then? On the current map that we have, there is not a manhole in that location. When you complete this re-route, could you please forward us an updated site map of your drainage system.

Thanks.

Sebrina Deal

Industrial Stormwater Section

City Of Portland

Bureau of Environmental Services

6543 N Burlington Ave

Portland, Or 97203

503.823.5535

fax 503.823.5559

interoffice: B217

[sebrinand@bes.ci.portland.or.us](mailto:sebrinand@bes.ci.portland.or.us) <<mailto:sebrinand@bes.ci.portland.or.us>>

-----Original Message-----

**From:** ZAIS Elliot [<mailto:ZAIS.Elliot@deq.state.or.us>]  
**Sent:** Wednesday, March 02, 2005 3:38 PM  
**To:** Ted McCall at McCall Oil  
**Cc:** [sebrinand@bes.ci.portland.or.us](mailto:sebrinand@bes.ci.portland.or.us); ZAIS Elliot  
**Subject:** Boiler Blowdown Discharge Schematic

Ted,

I have received the schematic. The re-routing looks reasonable to me. If it doesn't affect the requirements of your blowdown permit, I can't see why it wouldn't be acceptable.

Cheers.

*Elliot J. Zais, PhD, PE*  
*Senior Environmental Engineer*  
*Oregon Department of Environmental Quality*

3/31/2005

*Northwest Region  
2020 SW 4th. Ave., Suite 400  
Portland OR 97201-4987  
503/229-5292  
503/229-6957 FAX*

**McCall Oil and Chemical Corporation**  
5480 North West Front Avenue  
Portland, Oregon 97210

**Facsimile**

**Date:** 3/2/2005

**To:** Elliot Zias

**From:** Ted McCall

**Location:** Bishop House

**Total Pages:** 2

**Re:**

**Telephone: 503 221-5880 Fax: 503 221-5882**

**McCall Oil and Chemical Corporation**  
5480 North West Front Avenue  
Portland, Oregon 97210

**Facsimile**

**Date:** 3/2/2005

**To:** Sabrina Deal

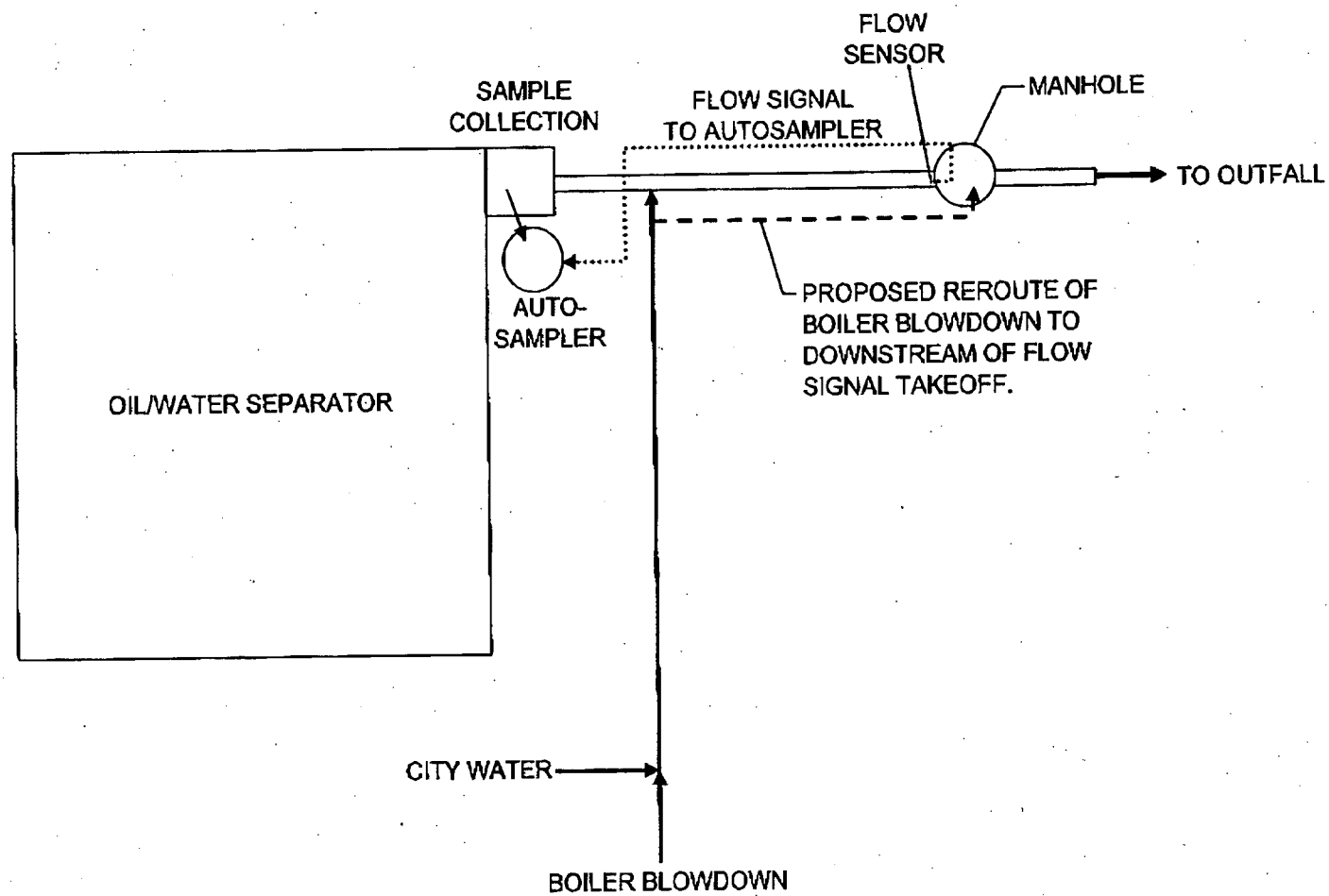
**From:** Ted McCall

**Location:** Bishop House

**Total Pages:** 2

**Re:**

**Telephone: 503 221-5880 Fax: 503 221-5882**



McCall Portland Terminal  
Boiler Blowdown Discharge Schematic  
March 2005



Anchor Environmental, L.L.C.  
6650 SW Redwood Lane, Suite 110  
Portland, OR 97224  
Phone 503.670.1108  
Fax 503.670.1128

---

**Fax Transmission**

---

**To:** Ted McCall  
Ron Brown

**From:** Rick Schwarz

**Fax Number:** 503-221-5882  
503-219-0981

**Date:** March 2, 2005

**Re:** Boiler Blowdown

**Total No. of Pages Including Cover:** 2

---

**Comments:**

See following page for schematic we discussed.

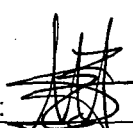
The lab contact information is:

North Creek Analytical  
9405 SW Nimbus Ave  
Beaverton, OR 97008-7145  
Phone: (503) 906-9200  
Fax: (503) 906-9210

Specialty Analytical  
19761 SW 95th Place  
Tualatin, OR 97062  
Phone: (503) 612-9007  
Fax: (503) 612-8572  
<http://www.specialtyanalytical.com/Pricelist.html>

cc:

This facsimile is confidential and may also be attorney-privileged. If you are not the intended recipient or the person responsible for its distribution, please call us collect immediately at 503.670.1108 and return the original to us via the U.S. Postal Service. Thank you.

COMPANY: <u>DEQ</u>		
GROSS AMOUNT: <u>660.00</u>		
ACCOUNT # <u>6376900</u>		
NPDS 1300 GEN 13 = 330.00		
NPDS 500 GEN 05 = 330.00		
DESCRIPTION:	PREPARE:	DATE:
AUTHORIZED BY: 	PAY BY: <u>July 25<sup>th</sup> 2005</u>	



State of Oregon  
Department of Environmental Quality

# Invoice

Water Quality Annual Compliance Determination Fee  
For Fiscal Year 2006: July 1, 2005 through June 30, 2006

TO: ACCOUNTS PAYABLE  
McCall Oil and Chemical Corporation  
5480 NW Front Ave  
Portland, OR 97210-1114

FOR: Source #54175  
MCCALL MARINE TERMINAL  
5480 NW FRONT AVE  
PORTLAND

Region: NWR  
County: MULTNOMAH

Invoice Number: **WQ06IND-0487**  
Invoice Date: 05-20-2005  
Invoice Due Date: **07-31-2005**

Permit Number: 1300

Permit Type: GEN13

Basis for Fee Amount: Stormwater; NPDES oily stormwater, oil & water  
separators

**Total Fee: \$330.00**

Ownership: PRIVATE

If this source is no longer operating or if the permit is no longer needed, contact us  
in writing by July 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: [ross.valerie@deq.state.or.us](mailto:ross.valerie@deq.state.or.us); Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
*Cut here and return this portion with your payment.*

*Remit and make checks payable to:*

Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL

Invoice Number: **WQ06IND-0487**  
Amount Due: **\$330.00**

Amount Enclosed: \_\_\_\_\_

☐ Check here if your address or phone number has changed  
and write your new information on the back of this portion.

☐ Check here if facility has been sold or the name has changed

Permit Transfer/Name Change Applications may be found at:  
<http://www.deq.state.or.us/wq/wqpermit/PmtTfrAppl.pdf>  
or you may contact your local DEQ office.



State of Oregon  
Department of Environmental Quality

## Invoice

Water Quality Annual Compliance Determination Fee  
For Fiscal Year 2006: July 1, 2005 through June 30, 2006

TO: ACCOUNTS PAYABLE  
McCall Oil and Chemical Corporation  
5480 NW Front Ave  
Portland, OR 97210-1114

FOR: Source #54175  
MCCALL MARINE TERMINAL  
5480 NW FRONT AVE  
PORTLAND

Invoice Number: **WQ06IND-0488**  
Invoice Date: 05-20-2005  
Invoice Due Date: **07-31-2005**

Region: NWR  
County: MULTNOMAH

Permit Number: 500

Permit Type GEN05

Basis for Fee Amount: Industrial Wastewater; 500, NPDES boiler blowdown

**Total Fee: \$330.00**

Ownership: PRIVATE

If this source is no longer operating or if the permit is no longer needed, contact us  
in writing by July 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: ross.valerie@deq.state.or.us; Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
*Cut here and return this portion with your payment.*

**Remit and make checks payable to:**

Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL

Invoice Number: **WQ06IND-0488**  
Amount Due: **\$330.00**

Amount Enclosed: \_\_\_\_\_

☐ Check here if your address or phone number has changed  
and write your new information on the back of this portion.

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Permit Transfer/Name Change Applications may be found at:  
<http://www.deq.state.or.us/wq/wqpermit/PmtTfrAppl.pdf>  
or you may contact your local DEQ office.



# Oregon

Theodore R. Kulongoski, Governor

## Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4<sup>th</sup> Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

FAX (503) 229-6945

TTY (503) 229-5471

March 19, 2004

MCCALL OIL AND CHEMICAL CORPORATION  
ATTN: EDGAR MCCALL  
5840 NW FRONT AVE  
PORTLAND OR 97210-1114

Re: NPDES Permit No. GEN1300  
Site: McCasll Marine Termi9nal  
File No. 54175  
Multnomah County

Our records indicate that your present National Pollutant Discharge Elimination System (NPDES) wastewater disposal permit will expire on December 31, 2004.

For permit renewal, the enclosed application form must be completed, signed by the legally authorized official, and returned to the Department of Environmental Quality as soon as possible with the enclosed EPA Form 2E. Except for government agencies and private individuals, the official name of the applicant must reflect the legal name (not the assumed business name) of the business as it is currently registered with the Corporation Division of the Secretary of State at (503) 986-2200.

A filing fee of \$60 and a processing fee of \$40 are required to accompany the enclosed application. No action can be taken on the application until the fees are paid.

The completed renewal application and fee payment should be sent to:

DEQ  
2020 SW 4<sup>th</sup> Ave., Suite 400  
Portland OR 97201  
Attn: Annie Hill

Please be advised that you will be invoiced an Annual Compliance Determination fee in May of each year as long as this permit is in effect.

If you have any questions regarding the renewal application or the associated fees, please call me at (503) 229-5438.

Sincerely,

Annie Hill, Permits Coordinator  
Water Quality Source Control  
Northwest Region

Enclosure

cc: Dennis Jurries, DEQ/Northwest Region  
File



# Oregon

Theodore R. Kulongoski, Governor

## Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4<sup>th</sup> Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

FAX (503) 229-6945

TTY (503) 229-5471

SEPT. 17, 2004

~~March 19, 2004~~

MCCALL OIL AND CHEMICAL CORPORATION  
ATTN: EDGAR MCCALL  
5840 NW FRONT AVE  
PORTLAND OR 97210-1114

Re: NPDES Permit No. GEN1300  
Site: McCasll Marine Termi9nal  
File No. 54175  
Multnomah County

SECOND NOTICE

Our records indicate that your present National Pollutant Discharge Elimination System (NPDES) wastewater disposal permit will expire on December 31, 2004.

For permit renewal, the enclosed application form must be completed, signed by the legally authorized official, and returned to the Department of Environmental Quality as soon as possible with the enclosed EPA Form 2E. Except for government agencies and private individuals, the official name of the applicant must reflect the legal name (not the assumed business name) of the business as it is currently registered with the Corporation Division of the Secretary of State at (503) 986-2200.

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2020 SW 4<sup>th</sup> Ave., Suite 400  
Portland OR 97201  
Attn: Annie Hill

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If you have any questions regarding the renewal application or the associated fees, please call me at (503) 229-5438.

Sincerely,

*Annie Hill*

Annie Hill, Permits Coordinator  
Water Quality Source Control  
Northwest Region

Enclosure

cc: Dennis Jurries, DEQ/Northwest Region  
File

100.00	
6890900-	100.00
Permit Renewable SR	11/10/04

Nov. 2004

DEQ USE ONLY	
Application #:	
File #:	
Mail ID #2/#9:	
LLID/RM:	
ACD Fee Paid:	
DOC Conf:	
Notes:	

**RENEWAL APPLICATION  
NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM PERMIT  
(NPDES-R)**



Oregon Department of Environmental Quality

DEQ USE ONLY	
Received:	
Amount Received:	
Check #:	
Deposit #:	
<input type="checkbox"/> IND <input type="checkbox"/> DOM <input type="checkbox"/> UIC:	
Notes:	

**A. REFERENCE INFORMATION**

1. Legal Name: <b>McCall Oil + Chemical Corp.</b>	2. Common Name: <b>McCall Oil</b>
3. Permit #: <b>1300 /</b> DEQ Site ID#: _____ Permit Expiration Date: _____	4. Facility Physical Address: <b>5480 NW Front Ave</b> City, State, Zip Code: <b>Portland, OR 97210</b> County: <b>Multnomah</b>
5. Responsible Official: <b>Edgar S. McCall</b> Mailing Address: <b>5480 N.W. Front Ave</b>	Telephone #: <b>503</b> City, State, Zip Code: <b>Portland, OR 97210</b>
6. Facility Contact: <b>RON BROWN</b> Facility Mailing Address: <b>5480 N.W. Front Ave</b>	Telephone #: <b>503 221-6400</b> City, State, Zip Code: <b>Portland, OR 97210</b>
7. Invoice to: <b>McCall Oil + Chemical Corp.</b> Billing Address: <b>5480 NW Front Ave</b>	Telephone #: <b>503 221-6400</b> City, State, Zip Code: <b>Portland, OR 97210</b>

**B. REQUIRED INFORMATION**

(EPA Form 2A, 2B, 2C, 2E, or 2F must also be submitted with this application)

- Briefly describe the permitted facility, type of wastewater, and primary method of wastewater treatment and disposal:  
**Petroleum Distribution Facility, storm water, barrel blowdown  
API separator discharge to river.**
- Have the treatment or disposal methods employed, as indicated in previous applications, been altered in any way since the last application was submitted? ☒ YES ☐ NO If "YES," explain:  
**McCall installed coalescing plates.**
- Has the quantity or quality of wastes discharged, as indicated in previous applications, been significantly changed in any way since the last application was submitted? ☐ YES ☒ NO If "YES," explain:
- If there are any changes anticipated in the near future that would affect waste quantity or quality, attach an explanation or proposal.
- Review each condition of your current permit and attach a brief report that indicates your progress in meeting the requirements, limitations, and compliance schedules of the permit. **McCall is complying 100% with the current permit.**
- If the permitted facility or operation is a domestic wastewater treatment plant, attach a copy of your Biosolids Management Plan.

**C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE**

I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-45. This includes a renewal application fee to renew the permit and a compliance determination fee invoiced annually by DEQ to maintain the permit.

**Edgar S. McCall**

**V.P.**

Name of Legally Authorized Representative (Type or Print)

Signature of Legally Authorized Representative

Title

**9/29/04**

Date

Please type or print in the unshaded areas only.



# EPA Facilities Which Do Not Discharge Process Wastewater

## I. Receiving Waters

For this outfall, list the latitude and longitude, and name of the receiving water(s).

Outfall Number (list)	Latitude			Longitude			Receiving Water (name)
	Deg	Min	Sec	Deg	Min	Sec	
1	45	33	40	122	43	03	Willamette River

## II. Discharge Date (If a new discharger, the date you expect to begin discharging)

10/10/2004 DATE OF SAMPLE

## III. Type of Waste

### A. Check the box(es) indicating the general type(s) of wastes discharged.

Sanitary Wastes

Restaurant or Cafeteria Wastes

Noncontact Cooling Water

☒ Other Nonprocess  
Wastewater (Identify)

Boiler Blow

### B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.

City water  
Sodium Bisulfate is used to adjust typical PH  
of 11.0-11.4 to the permitted level.

DOWN  
Batch Treat

## IV. Effluent Characteristics

### A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).

New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).

Pollutant or Parameter	(1) Maximum Daily Value (include units)		(2) Average Daily Value (last year) (include units)		(3) Number of Measurements Taken (last year)	(4) Source of Estimate (if new discharger)
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD) 5 DAY	240					
Total Suspended Solids (TSS)	5.0					
Fecal Coliform (if believed present or if sanitary waste is discharged)						
Total Residual Chlorine (if chlorine is used)	ND					
Oil and Grease	ND					
*Chemical oxygen demand (COD)	430					
*Total organic carbon (TOC)	ND					
Ammonia (as N)	ND					
Discharge Flow	Value 40 GPM MAP					
Flow range	Value 6-9					
Temperature (Winter)	100 °F MAP °C					
Temperature (Summer)	100 °F MAP °C					

\*If noncontact cooling water is discharged



## CERTIFICATE OF ANALYSIS

CLIENT: McCall Oil And Chemical Corp.  
ATTN: Ron Brown  
5480 N.W. Front Avenue  
Portland OR, 97210

PROJECT NAME: Boiler Blowdown Grab Test

PHONE: (503) 219-0994  
FAX: (503) 219-0981

SUBMITTED: 10/18/04 15:30

REPORT DATE: 11/04/04 14:57

REPORT NUMBER: 4101812

PAGE: 1 OF 1

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX		
4101812-01	Boiler Blowdown Grab	10/18/2004	1200	Water		
SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH DATE/TIME
4101812-01 SAMPLE ID: Boiler Blowdown Grab						
General Bench Analysis						
AMMONIA DISTILLATION	EPA 350.2	AMMONIA NITROGEN	ND	mg/L	0.20	AKH 10/26/2004 11:01
BOD	EPA 405.1	5-DAY BOD TEST	240	mg/L	5.0	AKH 10/25/2004 14:19
COD	EPA 410.4	CHEMICAL OXYGEN DEMAND	430	mg/L	10	AKH 10/25/2004 09:03
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	ND	mg/L	2.0	AKH 10/25/2004 12:47
PH	EPA 150.1/9040	PH	7.05	SU		AKH 10/18/2004 15:50
		TEMPERATURE (C)	23.4	SU		
RESIDUAL CHLORINE 1	EPA 330.4	RESIDUAL CHLORINE	ND	mg/L	0.020	DR 10/19/2004 07:23
SUSPENDED SOLIDS	EPA 160.2	TOTAL SUSPENDED SOLIDS	5.0	mg/L	1.0	AKH 10/21/2004 14:54
TOC	EPA 415.1	TOTAL ORGANIC CARBON	ND	mg/L	0.50	SUB 11/04/2004 14:56

This report may not be reproduced except in full.

Authorized for Release By: 

Richard D. Reid - Laboratory Director

# McCall

Oil & Chemical Corporation  
5480 NW FRONT AVENUE  
PORTLAND, OR 97210-1114

WELLS FARGO BANK TEXAS, N.A.  
HOUSTON, TX 77253-3328  
88-963/1119

57485

11/11/2004

PAY TO THE ORDER OF DEPARTMENT OF ENVIR QUALITY

\$\*\*\*\*\*100.00

ONE HUNDRED AND 00/100 DOLLARS

DOLLARS

DEPARTMENT OF ENVIR QUALITY  
ATTN: BUSINESS OFFICE  
811 SW 6TH AVE  
PORTLAND OR 972041390

VOID 180 DAYS FROM DATE OF ISSUE

MEMO

(b) (6)

MCCALL OIL & CHEMICAL CORPORATION

Vendor No. Vendor Name  
DEQ DEPARTMENT OF ENVIR QUALITY

Check 57485  
0057485

Trans. Date	Reference	PO No.	Gross Amount	Deduction	Net Amount
11/01/2004	GEN1300	54175	100.00	.00	100.00

Check Date	Check No.	Total Gross	Total Ded.	Check Amount
11/11/2004	0057485	100.00	.00	100.00

## DEQ USE ONLY

Application # \_\_\_\_\_  
 File # \_\_\_\_\_  
 Mail ID #2/#9 \_\_\_\_\_  
 LLID/RM \_\_\_\_\_  
 ACD Fee Paid \_\_\_\_\_  
 DOC Conf. \_\_\_\_\_  
 Notes \_\_\_\_\_

RENEWAL APPLICATION  
 NATIONAL POLLUTANT DISCHARGE  
 ELIMINATION SYSTEM PERMIT  
 (NPDES-R)



Oregon Department of Environmental Quality

## DEQ USE ONLY

Received: \_\_\_\_\_  
 Amount Received: \_\_\_\_\_  
 Check # \_\_\_\_\_  
 Deposit # \_\_\_\_\_  
☐ IND ☐ DOM ☐ UIC \_\_\_\_\_  
 Notes: \_\_\_\_\_

## A. REFERENCE INFORMATION

- |   |   |
|---|---|
| 1. Legal Name: <b>McCall Oil + Chemical Corp.</b>   | 2. Common Name: <b>McCall Oil</b>   |
| 3. Permit #: <b>1300 GEN</b><br>DEQ Site ID#: <b>54175</b><br>Permit Expiration Date: <b>12/31/2004</b> | 4. Facility Physical Address: <b>5480 NW Front Ave.</b><br>City, State, Zip Code: <b>Portland, OR 97210</b><br>County: <b>Mult.</b> |
| 5. Responsible Official: <b>Edgar (Ted) S. McCall</b><br>Mailing Address: <b>5480 NW Front Ave.</b>     | Telephone #: <b>503 221-5880</b><br>City, State, Zip Code: <b>Portland, OR 97210</b>  |
| 6. Facility Contact: <b>RON BROWN</b><br>Facility Mailing Address: <b>5480 NW Front Ave.</b>            | Telephone #: <b>503 221-6400</b><br>City, State, Zip Code: <b>Portland, OR 97210</b>  |
| 7. Invoice to: <b>McCall Oil + Chemical (Ted McCall)</b><br>Billing Address: <b>5480 NW Front Ave.</b>  | Telephone #: _____<br>City, State, Zip Code: <b>Portland, OR 97210</b>  |

## B. REQUIRED INFORMATION

(EPA Form 2A, 2B, 2C, 2E, or 2F must also be submitted with this application)

- Briefly describe the permitted facility, type of wastewater, and primary method of wastewater treatment and disposal:  
**Oil + Grease / System → Oil Water Separator**
- Have the treatment or disposal methods employed, as indicated in previous applications, been altered in any way since the last application was submitted? ☒ YES ☐ NO If "YES," explain:  
**Installed: Flow Meter / Automatic Sampler / Coalescing Plates**
- Has the quantity or quality of wastes discharged, as indicated in previous applications, been significantly changed in any way since the last application was submitted? ☐ YES ☒ NO If "YES," explain:
- If there are any changes anticipated in the near future that would affect waste quantity or quality, attach an explanation or proposal.
- Review each condition of your current permit and attach a brief report that indicates your progress in meeting the requirements, limitations, and compliance schedules of the permit.
- If the permitted facility or operation is a domestic wastewater treatment plant, attach a copy of your Biosolids Management Plan.

## C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE

I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-45. This includes a renewal application fee to renew the permit and a compliance determination fee invoiced annually by DEQ to maintain the permit.

**Edgar S. McCall**  
 Name of Legally Authorized Representative (Type or Print)

**VP Risk Environmental Affairs**  
 Title

Signature of Legally Authorized Representative

Date

**4/27/04**



State of Oregon  
Department of Environmental Quality

Invoice

Water Quality Annual Compliance Determination Fee  
For Fiscal Year 2004: July 1, 2003 through June 30, 2004

TO: ACCOUNTS PAYABLE  
McCALL OIL AND CHEMICAL COMPANY  
5480 NW Front Avenue  
Portland, OR 97210

FOR: Source #54175  
MCCALL MARINE TERMINAL  
5480 N.W. FRONT AVENUE  
PORTLAND

Region: NWR  
County: MULTNOMAH

Invoice Number: **WQ04IND-0506**  
Invoice Date: 05-15-2003  
Invoice Due Date: 07-31-2003

Permit Number: 1300

Permit Type GEN13

Basis for Fee Amount: Stormwater; NPDES oily stormwater, oil & water  
separators

Total Fee: \$330.00

Ownership: PRIVATE

If this source is no longer operating or if the permit is no longer needed, contact us  
in writing by October 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: ross.valerie@deq.state.or.us; Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
*Cut here and return this portion with your payment.*

Remit and make checks payable to:  
Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL  
Invoice Number: **WQ04IND-0506**  
Amount Due: **\$330.00**

Amount Enclosed: \_\_\_\_\_

☐ Check here if your address or phone number has changed  
and write your new information on the back of this portion.

☐ Check here if facility has been sold or the name has changed  
Change forms may be found on our web site:  
<http://www.deq.state.or.us/wq/>  
or you may contact your local DEQ office.



State of Oregon  
Department of Environmental Quality

Invoice

Water Quality Annual Compliance Determination Fee  
For Fiscal Year 2004: July 1, 2003 through June 30, 2004

TO: ACCOUNTS PAYABLE  
McCALL OIL AND CHEMICAL COMPANY  
5480 NW Front Avenue  
Portland, OR 97210

FOR: Source #54175  
MCCALL MARINE TERMINAL  
5480 N.W. FRONT AVENUE  
PORTLAND

Region: NWR  
County: MULTNOMAH

Invoice Number: **WQ04IND-0507**  
Invoice Date: 05-15-2003  
Invoice Due Date: **07-31-2003**

Permit Number: 500

Permit Type: GEN05

Basis for Fee Amount: Industrial Wastewater; 500, NPDES boiler blowdown

Total Fee: **\$330.00**

Ownership: PRIVATE

If this source is no longer operating or if the permit is no longer needed, contact us  
in writing by October 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: ross.valerie@deq.state.or.us; Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
*Cut here and return this portion with your payment.*

*Remit and make checks payable to:*

Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL

Invoice Number: **WQ04IND-0507**  
Amount Due: **\$330.00**

Amount Enclosed: \_\_\_\_\_

☐ Check here if your address or phone number has changed  
and write your new information on the back of this portion.

☐ Check here if facility has been sold or the name has changed  
Change forms may be found on our web site:  
<http://www.deq.state.or.us/wq/>  
or you may contact your local DEQ office.



# Oregon

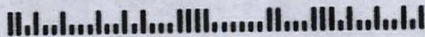
John A. Kitzhaber, M.D., Governor

## Department of Environmental Quality

Northwest Region  
2020 SW Fourth Avenue  
Suite 400  
Portland, OR 97201-4987  
(503) 229-5263 Voice  
TTY (503) 229-5471

February 27, 2002

GEN05--54175/A--MULTNOMAH  
DAVID BAUGHER  
MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW FRONT AVENUE  
PORTLAND OR 97210-1198



Re: NPDES Permit No. 500

Our records indicate that your present National Pollutant Discharge Elimination System (NPDES) wastewater disposal permit will expire on July 31, 2002.

For permit renewal, the enclosed application form must be completed, signed by the legally authorized official, and returned to the Department of Environmental Quality as soon as possible. Except for government agencies and private individuals, the official name of the applicant must reflect the legal name (not the assumed business name) of the business as it is currently registered with the Corporation Division of the Secretary of State at (503) 986-2200.

A filing fee of \$60 and a processing fee of \$40 are required to accompany the enclosed application. If modification of effluent limits is being requested by the application, the amount of the application processing fee will increase. No action can be taken on the application until the fees are paid.

The completed renewal application and fee payment should be sent to:

DEQ  
2020 SW 4<sup>th</sup> Ave., Suite 400  
Portland OR 97201  
Attn: Annie Hill

Please be advised that you will be invoiced an Annual Compliance Determination fee in June of each year as long as this permit is in effect.

If you have any questions regarding the renewal application or the associated fees, please call me at (503) 229-5438.

Sincerely,

Annie Hill, Permits Coordinator  
Water Quality Source Control  
Northwest Region

Enclosure

cc: Rene Dulay, DEQ Northwest Region  
File

Rene Dulay = (503) 229-5160



## DEQ USE ONLY

RENEWAL APPLICATION  
NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM PERMIT  
(NPDES-R)



Oregon Department of Environmental Quality

## DEQ USE ONLY

Received:

Amount Received:

Check #:

Deposit #:

☐ IND ☐ DOM ☐ UIC

Notes:

## A. REFERENCE INFORMATION

1. Legal Name: <u>McCall Oil + Chemical Corp.</u>	2. Common Name:
3. Permit #: <u>0500-J</u> DEQ Site ID#: Permit Expiration Date:	4. Facility Physical Address: <u>5480 N.W. Front Ave.</u> City, State, Zip Code: <u>Portland, OR. 97210</u> County: <u>Mult.</u>
5. Responsible Official: Mailing Address:	Telephone #: <u>(503) 221-6400</u> City, State, Zip Code: <u>Portland, OR. 97210</u>
6. Facility Contact: <u>RON BROWN</u> Facility Mailing Address: <u>5480 N.W. Front Ave.</u>	Telephone #: <u>(503) 221-6400</u> City, State, Zip Code: <u>Portland, OR 97210</u>
7. Invoice to: <u>Ted McCall</u> Billing Address: <u>5480 N.W. Front Ave PDX 97210</u>	Telephone #: <u>(503) 221-<del>5880</del> 5880</u> City, State, Zip Code: <u>Portland, OR. 97210</u>

## B. REQUIRED INFORMATION

(EPA Form 2A, 2B, 2C, 2E, or 2F must also be submitted with this application)

- Briefly describe the permitted facility, type of wastewater, and primary method of wastewater treatment and disposal:
- Have the treatment or disposal methods employed, as indicated in previous applications, been altered in any way since the last application was submitted? ☐ YES ☒ NO If "YES," explain:
- Has the quantity or quality of wastes discharged, as indicated in previous applications, been significantly changed in any way since the last application was submitted? ☐ YES ☒ NO If "YES," explain:
- If there are any changes anticipated in the near future that would affect waste quantity or quality, attach an explanation or proposal.
- Review each condition of your current permit and attach a brief report that indicates your progress in meeting the requirements, limitations, and compliance schedules of the permit.
- If the permitted facility or operation is a domestic wastewater treatment plant, attach a copy of your Biosolids Management Plan.

## C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE

I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-45. This includes a renewal application fee to renew the permit and a compliance determination fee invoiced annually by DEQ to maintain the permit.

Edgar S. McCall

Name of Legally Authorized Representative (Type or Print)

UP Risk Environmental

Title

July 15<sup>th</sup> 2002

Date

Please type or print in the unshaded areas only.

Form  
**2E**  
NPDES**EPA****Facilities Which Do Not Discharge Process Wastewater****I. Receiving Waters**

For this outfall, list the latitude and longitude, and name of the receiving water(s).

Outfall Number (list)	Latitude			Longitude			Receiving Water (name)
	Deg	Min	Sec	Deg	Min	Sec	
1	45	33	40	122	43	03	Williamette River

**II. Discharge Date (If a new discharger, the date you expect to begin discharging)**

N/A

**III. Type of Waste**

A. Check the box(es) indicating the general type(s) of waste discharged:

☐ Sanitary Wastes☐ Restaurant or Cafeteria Wastes☐ Noncontact Cooling Water☒ Other Nonprocess Wastewater (Identify)

Batch treated

Continuous Boilers

B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.

Sodium Bisulfate is used to adjust typical pH of 11.0-11.4 to the permitted level of 6.0-9.0.

Blowdown

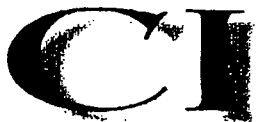
**IV. Effluent Characteristics**

A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).

B. New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).

Pollutant or Parameter	(1) Maximum Daily Value (Include units)		(2) Average Daily Value (last year) (Include units)		(3) Number of Measurements Taken (last year)	(4) Source of Estimate (If new discharger)
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD)		ND, < 10 mg/L	ND, < 10 mg/L	→	13	
Total Suspended Solids (TSS)		14 mg/L		14 mg/L	13	
Fecal Coliform (If believed present or if sanitary waste is discharged)		N/A		N/A	13	
Total Residual Chlorine (If chlorine is used)		ND, < 0.1 mg/L		ND, < 0.1 mg/L	13	
Oil and Grease		29 mg/L		4.5 mg/L	50	
*Chemical oxygen demand (COD)		17 mg/L		17 mg/L	13	
*Total organic carbon (TOC)		4.2 mg/L		4.2 mg/L	13	
Ammonia (as N)		ND, < 0.02 mg/L		ND, < 0.02 mg/L	13	
Discharge Flow	Value					
(give range)	Value	6.6		6.6	1	
Temperature (Winter)		Unavailable				
Temperature (Summer)		Unavailable				

\*If noncontact cooling water is discharged



## CERTIFICATE OF ANALYSIS

CLIENT: McCall Oil And Chemical Corp.  
5480 N.W. Front Avenue  
Portland OR, 97210

ATTN: Ted McCall

PROJECT NAME: Annual Discharge Report

PHONE: (503) 221-5880

FAX: (503) 221-5882

SUBMITTED: 07/17/02 16:23

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
2071705-01	Separator Grab	07/17/2002	1145	Water

REPORT DATE: 07/29/02 13:52

REPORT NUMBER: 2071705

PAGE: 1 OF 1

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME
2071705-01	SAMPLE ID: Separator Grab						
General Bench Analysis							
AMMONIA DISTILLATION	EPA 350.2	AMMONIA NITROGEN	ND	mg/L	0.20	RGR	07/29/2002 12:25
BOD	EPA 405.1	5-DAY BOD TEST	ND	mg/L	10	DR	07/23/2002 13:00
COD	EPA 410.4	CHEMICAL OXYGEN DEMAND	17	mg/L	10	RGR	07/29/2002 09:21
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	ND	mg/L	2.00	CX	07/23/2002 11:39
PH	EPA 150.1/9040	pH	6.61	SU		DR	07/17/2002 16:44
RESIDUAL CHLORINE 1	EPA 330.4	RESIDUAL CHLORINE	ND	mg/L	0.10	DR	07/17/2002 16:46
SUSPENDED SOLIDS	EPA 160.2	TOTAL SUSPENDED SOLIDS	14	mg/L	1.0	DR	07/26/2002 08:05
TOC	EPA 415.1	TOTAL ORGANIC CARBON	4.2	mg/L	0.50	RGR	07/29/2002 13:55

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Authorized for Release By: *David T. Back*

David T. Back - Quality/Systems Manager

V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal?  
If yes, briefly describe the frequency of flow and duration.

☒ Yes ☐ No

MOC discharge is intermittent and released into a holding tank twice daily. The holding tanks are tested, treated, tested and released. Holding tanks are released twice daily. The discharge tank has a 500 gallon capacity and is gravity discharged every 10 hours.

VI. Treatment System (Describe briefly any treatment system(s) used or to be used)

The continuous boiler blow down system, discharges to a water treatment tank. This tank is monitored and when becomes full is sampled, tested, logged, treated, sampled, tested, logged and then released. The final sample is also double checked by our inhouse lab.

VII. Other Information (Optional)

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations. Attach additional sheets, if necessary.

VIII. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title

Edgar (Ted) S. McCall

VP Risk / ENVIRONMENTAL

B. Phone No. (area code)

(503) 221-5880  
ext. 1

C. Signature



D. Date Signed

7/15/02

## APPLICATION INSTRUCTIONS FOR RENEWAL NPDES INDIVIDUAL PERMIT

**Please answer all questions. An incomplete application will not be processed.  
If the information requested is not applicable, please indicate as such.**

### A. REFERENCE INFORMATION:

1. Enter the legal name of the applicant. This must be the legal Oregon name (i.e., Acme Products, Inc.) or the legal representative of the company if it operates under an assumed business name (i.e., John Smith, dba Acme Products). The name must be a legal, active name registered with the Oregon Department of Commerce, Corporation Division (503) 378-4752, unless otherwise exempted by their regulations. The permit will be issued to the legal name of the applicant.

If the legal name of the applicant has changed since the initial permit was issued or the permit needs to be transferred to a new owner, a *Name Change/Transfer of Ownership* form (enclosed) must also be submitted with this application. This form is available by contacting a DEQ regional office listed below or at <http://waterquality.deq.state.or.us/wq/wqpermit/wqpermit.htm#PermitInfo>.

2. Enter the common name of the facility or operation if different than the legal name.
3. Enter the permit number, DEQ site identification number (also known as the facility number or file number; this number may be found on the first page of your permit), and expiration date of your current permit.
4. Enter the physical location of the facility (not mailing address), including city, state, zip code, and county.
5. Enter the name, telephone number, and mailing address of the Responsible Official. The Responsible Official is the person that receives official correspondence from DEQ, such as renewal notices or notices of noncompliance, and may be contacted if there are questions about this application.
6. Enter the name, telephone number and mailing address of the Facility Contact if different from the Responsible Official. The Facility Contact is the person located at the facility that has specific knowledge of the facility or operation under permit (e.g., the treatment plant operator), and may be contacted if there are specific questions about this application.
7. Enter invoicing information for billing purposes if different from the Responsible Official (e.g., "Invoice To: Business Office - Accounts Payable").

### B. REQUIRED INFORMATION:

1. Briefly describe the permitted facility, type of wastewater (industrial, sewage or both), and primary method of wastewater treatment and disposal. For example, "2 MGD domestic sewage treatment plant consisting of non-discharging, evaporative lagoons" or "Seasonal jelly processing facility with land irrigation of process wastewater."

2. - 6.

Complete the remaining questions as indicated. Attach any additional pages of explanation, including any diagrams or maps that are needed to update the Department.

In addition, EPA Form 2A, 2B, 2C, 2E, or 2F must be submitted with this application depending on the type of facility or operation to be permitted. The correct form is enclosed in this application packet or may be obtained by contacting the appropriate DEQ regional office listed at the bottom of this page.

### C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE:

The signature of a legally authorized representative must be provided in order to process this application.

#### Definition of Legally Authorized Representative:

See 40 CFR 122.22 for more detail. Also, please also provide the information requested in brackets [ ]

- ♦ Corporation — president, secretary, treasurer, vice-president, or any person who performs principal business functions; or a manager of one or more facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million that is authorized in accordance to corporate procedure to sign such documents
- ♦ Partnership — General partner [list of general partners, their addresses and telephone numbers]
- ♦ Sole Proprietorship — Owner(s) [each owner must sign the application]
- ♦ City, County, State, Federal, or other Public Facility — Principal executive officer or ranking elected official
- ♦ Limited Liability Company — Member [articles of organization]
- ♦ Trusts — Acting trustee [list of trustees, their addresses and telephone numbers]

### FEE AND APPLICATION SUBMITTAL:

Please see the cover letter enclosed with this form or call the appropriate regional office below for fee information and to determine where to send this application. This application must be submitted at least 180 days prior to the expiration date of your current permit.

**Send this form and fee to the appropriate DEQ regional office:  
Make your check payable to the Department of Environmental Quality**

DEQ Northwest Region  
2020 SW 4<sup>th</sup> Ave., Suite 400  
Portland, OR 97201-4987  
(503) 229-5263 or 1-800-452-4011

DEQ Western Region  
750 Front St. NE, Suite 120  
Salem, OR 97301-1039  
(503) 378-8240 or 1-800-349-7677

DEQ Eastern Region  
700 SE Emigrant, Suite 330  
Pendleton, OR 97801  
(541) 276-4063 or 1-800-452-4011

<b>FORM 1</b> <b>GENERAL</b>	 <b>EPA</b>	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>GENERAL INFORMATION</b> <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>	<b>I. EPA I.D. NUMBER</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">6</td> <td style="width:10%;">7</td> <td style="width:10%;">8</td> <td style="width:10%;">9</td> <td style="width:10%;">10</td> <td style="width:10%;">11</td> <td style="width:10%;">12</td> <td style="width:10%;">13</td> <td style="width:10%;">14</td> <td style="width:10%;">15</td> </tr> <tr> <td>F</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	6	7	8	9	10	11	12	13	14	15	F									
6	7	8	9	10	11	12	13	14	15														
F																							
<b>II. POLLUTANT CHARACTERISTICS</b> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>INSTRUCTIONS:</b> Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.</p> </div>		<b>GENERAL INSTRUCTIONS</b> <p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p>																					

SPECIFIC QUESTIONS	YES	NO	FORM ATTACHED	SPECIFIC QUESTIONS	YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)			✓	B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)			✓
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	✓			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	✓		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		✓		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		✓	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		✓		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		✓	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)				J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		✓	

<b>III. NAME OF FACILITY</b>	1 <b>SKIP</b> MCLALC OIL + CHEMICAL CORPORATION
------------------------------	---

<b>IV. FACILITY CONTACT</b>	2 <b>A. NAME &amp; TITLE (last, first &amp; title)</b> ROYAL MCLALL (TED) VP RISK	3 <b>B. PHONE (area code &amp; no.)</b> 503 221 5880
-----------------------------	---	--

<b>V. FACILITY MAILING ADDRESS</b>	3 <b>A. STREET OR P.O. BOX</b> 5480 NW FRONT STREET 4 <b>B. CITY OR TOWN</b> PORTLAND 5 <b>C. STATE</b> OR 6 <b>D. ZIP CODE</b> 97210
------------------------------------	--

<b>VI. FACILITY LOCATION</b>	5 <b>A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER</b> 5480 NW FRONT STREET 6 <b>B. COUNTY NAME</b> MULTNOMAH 7 <b>C. CITY OR TOWN</b> PORTLAND 8 <b>D. STATE</b> OR 9 <b>E. ZIP CODE</b> 97210 10 <b>F. COUNTY CODE (if known)</b>
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CONTINUED FROM THE FRONT

II. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
5171 (specify) Petroleum Bulk Stations + Terminals				7 (specify)			
C. THIRD				D. FOURTH			
7 (specify)				7 (specify)			

III. OPERATOR INFORMATION

A. NAME		B. Is the name listed in Item VIII-A also the owner?
EDGAR Sawyer McCall (TED)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)		D. PHONE (area code & no.)
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify) P (specify) Private	503 221 6400

E. STREET OR P.O. BOX
5480 NW FRONT AVE

F. CITY OR TOWN	G. STATE	H. ZIP CODE	IX. INDIAN LAND
Portland	OR	97210	Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
N		9 P	
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
U		(specify)	
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
R		(specify)	

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Edgar S. McCall		7/15/02

COMMENTS FOR OFFICIAL USE ONLY

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Occupational Safety & Health Administration  
U.S. Department of Labor



## SIC Description for 5171

Division F: Wholesale Trade

Major Group 51: Wholesale Trade-non-durable Goods

Industry Group 517: Petroleum And Petroleum Products

5171 Petroleum Bulk stations and Terminals

Establishments primarily engaged in the wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

- Petroleum bulk stations and terminals-wholesale

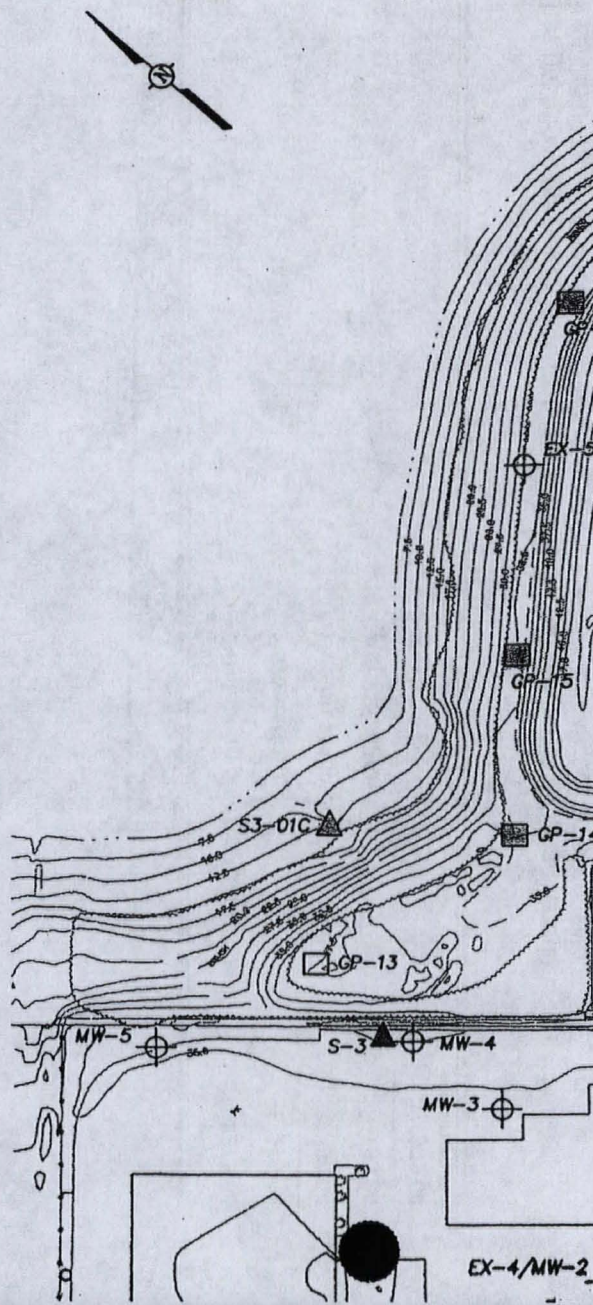
[ [SIC Search](#) | [Division Structure](#) | [Major Group Structure](#) | [OSHA Standards Cited](#) ]

[ [Comments & Info](#) | [OSHA Home Page](#) | [OSHA-OCIS](#) | [US DOL Web Site](#) | [Disclaimer](#) ]



OFFICE  
Portland

OFFICE  
Portland



## RING WELLS

EASTING	GROUND EL.	RIM EL.	TOP PVC EL.	DESCRIPTION
1158.265	35.91	35.930	35.29	MONITOR WELL EX-7
1568.183	32.34	32.350	32.07	MONITOR WELL EX-3
1883.507	33.11	33.140	32.28	MONITOR WELL EX-2
1201.793	32.14	32.190	31.87	MONITOR WELL EX-5
1883.202	35.74	35.780	35.48	MONITOR WELL MW-1
1812.937	35.25	35.270	34.56	MONITOR WELL MW-3
1806.683	34.07	34.140	33.61	MONITOR WELL MW-4
1669.241	34.99	35.050	34.66	MONITOR WELL MW-5
1767.039	35.85	35.900	35.60	MONITOR WELL MW-2
1299.654	34.83	35.070	34.38	MONITOR WELL EX-6
1249.628	36.42	36.510	36.12	MONITOR WELL EX-1







HORIZONTAL DATUM

COORDINATES ARE ON A LOCAL  
PLANE AND ARE ASSUMED.

ELEVATION DATUM

ELEVATIONS ARE BASED ON  
CITY OF PORTLAND BENCHMARK  
#2528. ELEVATION = 34.64 FEET

### LEGEND

-  MONITORING WELL  
 GEOPROBE BORING  
 SURFACE WATER/SEDIMENT  
 SAMPLE LOCATION  
 VEGETATION  
 BUILDING  
 TANK

### Total LPAH Range

ND

< 1,000 mg/kg

,000 - 10,000 mg/kg

> 10,000 mg/kg

Dept. of Enviromental Quality

52318

Date 07/01/2002 Type Bill Reference WQ02IND-1468

Original Amt. 55.00

7/16/2002  
Balance Due 55.00  
Discount  
Check Amount

Payment 55.00  
55.00

# PAYMENT RECORD

WF - Texas - McCall Adm Permit:1300 Permit type: GEN13

55.00

175466 (4/02)

Region: NWR  
County: MULTNOMAH

DESCRIPTION PREPARE DATE  
*Water runoff permit Sept 3/15/02*

Permit Number:	1300	Original Invoice: WQ02IND-0446	\$275.00
Permit Type	GEN13	Payment(s):	275.00
Basis for Fee Amount:	General: Oily Stormwater Runoff	Due on Original:	\$0.00
Ownership:	PRIVATE	Additional Amount:	55.00
		Total Due:	\$55.00

If this source has not begun operating, is no longer operating, or if the permit is no longer needed, contact us in writing by March 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: ross.valerie@deq.state.or.us; Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
Cut here and return this portion with your payment.

## Remit and make checks payable to:

Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175/A, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL

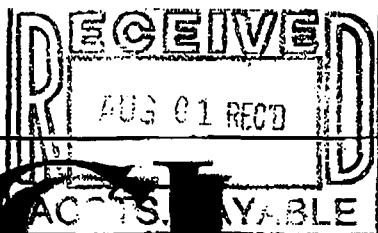
Invoice Number: WQ02IND-1468  
Amount Due: \$55.00

Amount Enclosed: \_\_\_\_\_

☐ Check here if your address or phone number has changed and write your new information on the back of this portion.

☐ Check here if facility has been sold or the name has changed  
Change forms may be found on our web site:  
<http://www.deq.state.or.us/wq/>  
or you may contact your local DEQ office.





ORIGINAL

## COLUMBIA INSPECTION, INC.

U.S Customs Approved Gaugers  
Petroleum and Environmental Laboratory  
Tank Calibrations

## INVOICE

Page 1 of 1

078

## McCall Oil And Chemical Corp.

5480 N.W. Front Avenue

Portland, OR 97210

Attn: Ron Brown

## Invoice Number:

5207135

## Invoice Date:

07/30/02

## Terms:

Net 15 Days

## Project Number

[none]

## PO Number

NA

## Received

07/17/02

## Project

Annual Discharge Report

## Work Order(s)

2071705

## Comments

## Client

McCall Oil And Chemical Corp.

GROSS AMOUNT		277.00
ACCT#		
DESCRIPTION	PREPARE	DATE

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
1	AMMONIA DISTILLATION [10 day]	Water	\$50.00	\$50.00
1	BOD [10 day]	Water	\$45.00	\$45.00
1	COD [10 day]	Water	\$30.00	\$30.00
1	O & G, TOTAL (HEM) [10 day]	Water	\$50.00	\$50.00
1	PH [10 day]	Water	\$10.00	\$10.00
1	RESIDUAL CHLORINE 1 [10 day]	Water	\$25.00	\$25.00
1	SUSPENDED SOLIDS [10 day]	Water	\$22.00	\$22.00
1	TOC [10 day]	Water	\$45.00	\$45.00

Invoice Total: \$277.00

OK  
Rm  
for Ted

COLUMBIA INSPECTION, INC 7133 N. Lombard, Portland, OR 97203 Phone:(503) 286-9464 Fax:(503) 286-5355 E-mail:lab@ColumbiaInspection.com

All work performed is subject to the  
terms and conditions of our current  
schedule of rates. Liability is limited  
to the amount of this invoice.

Terms - Net 15 Days

Thank you for doing business with Columbia Inspection

Please state invoice number and remit to:

Columbia Inspection, Inc.  
PO Box 83569, St. Johns Station  
Portland, OR 97283

## APPLICATION INSTRUCTIONS FOR RENEWAL NPDES INDIVIDUAL PERMIT

**Please answer all questions. An incomplete application will not be processed.  
If the information requested is not applicable, please indicate as such.**

### A. REFERENCE INFORMATION:

1. Enter the legal name of the applicant. This must be the legal Oregon name (i.e., Acme Products, Inc.) or the legal representative of the company if it operates under an assumed business name (i.e., John Smith, dba Acme Products). The name must be a legal, active name registered with the Oregon Department of Commerce, Corporation Division (503) 378-4752, unless otherwise exempted by their regulations. The permit will be issued to the legal name of the applicant.  
If the legal name of the applicant has changed since the initial permit was issued or the permit needs to be transferred to a new owner, a *Name Change/Transfer of Ownership* form (enclosed) must also be submitted with this application. This form is available by contacting a DEQ regional office listed below or at <http://waterquality.deq.state.or.us/wq/wqpermit/wqpermit.htm#PermitInfo>.
2. Enter the common name of the facility or operation if different than the legal name.
3. Enter the permit number, DEQ site identification number (also known as the facility number or file number; this number may be found on the first page of your permit), and expiration date of your current permit.
4. Enter the physical location of the facility (not mailing address), including city, state, zip code, and county.
5. Enter the name, telephone number, and mailing address of the Responsible Official. The Responsible Official is the person that receives official correspondence from DEQ, such as renewal notices or notices of noncompliance, and may be contacted if there are questions about this application.
6. Enter the name, telephone number and mailing address of the Facility Contact if different from the Responsible Official. The Facility Contact is the person located at the facility that has specific knowledge of the facility or operation under permit (e.g., the treatment plant operator), and may be contacted if there are specific questions about this application.
7. Enter invoicing information for billing purposes if different from the Responsible Official (e.g., "Invoice To: Business Office - Accounts Payable").

### B. REQUIRED INFORMATION:

1. Briefly describe the permitted facility, type of wastewater (industrial, sewage or both), and primary method of wastewater treatment and disposal. For example, "2 MGD domestic sewage treatment plant consisting of non-discharging, evaporative lagoons" or "Seasonal jelly processing facility with land irrigation of process wastewater."

2. - 6.

Complete the remaining questions as indicated. Attach any additional pages of explanation, including any diagrams or maps that are needed to update the Department.

In addition, EPA Form 2A, 2B, 2C, 2E, or 2F must be submitted with this application depending on the type of facility or operation to be permitted. The correct form is enclosed in this application packet or may be obtained by contacting the appropriate DEQ regional office listed at the bottom of this page.

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The signature of a legally authorized representative must be provided in order to process this application.

#### Definition of Legally Authorized Representative:

See 40 CFR 122.22 for more detail. Also, please also provide the information requested in brackets / /

- ♦ Corporation — president, secretary, treasurer, vice-president, or any person who performs principal business functions; or a manager of one or more facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million that is authorized in accordance to corporate procedure to sign such documents
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- ♦ Limited Liability Company — Member [articles of organization]
- ♦ Trusts — Acting trustee [list of trustees, their addresses and telephone numbers]

### FEE AND APPLICATION SUBMITTAL:

Please see the cover letter enclosed with this form or call the appropriate regional office below for fee information and to determine where to send this application. This application must be submitted at least 180 days prior to the expiration date of your current permit.

#### Send this form and fee to the appropriate DEQ regional office:

Make your check payable to the Department of Environmental Quality

DEQ Northwest Region  
2020 SW 4<sup>th</sup> Ave., Suite 400  
Portland, OR 97201-4987  
(503) 326-5263 or 1-800-452-4011

DEQ Western Region  
750 Front St. NE, Suite 120  
Salem, OR 97301-1039  
(503) 378-8240 or 1-800-349-7677

DEQ Eastern Region  
700 SE Emigrant, Suite 330  
Pendleton, OR 97801  
(541) 276-4063 or 1-800-452-4011

FORM <b>1</b>	<b>EPA</b>	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>GENERAL INFORMATION</b> Consolidated Permits Program (Read the "General Instructions" before starting.)	<b>I. EPA I.D. NUMBER</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">S</td> <td style="width:10%;">F</td> <td style="width:10%;">1</td> <td style="width:10%;">2</td> <td style="width:10%;">3</td> <td style="width:10%;">4</td> <td style="width:10%;">5</td> <td style="width:10%;">6</td> <td style="width:10%;">7</td> <td style="width:10%;">8</td> <td style="width:10%;">9</td> <td style="width:10%;">10</td> <td style="width:10%;">11</td> <td style="width:10%;">12</td> <td style="width:10%;">13</td> <td style="width:10%;">14</td> <td style="width:10%;">15</td> </tr> </table>	S	F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S	F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
<b>GENERAL</b> <b>LABEL ITEMS</b>		<b>GENERAL INSTRUCTIONS</b> If a preprinted label has been provided, affix it in the designated space. Review the information carefully. If any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.																		
I. EPA I.D. NUMBER	III. FACILITY NAME	V. FACILITY MAILING ADDRESS	VI. FACILITY LOCATION	<b>PLEASE PLACE LABEL IN THIS SPACE</b>																

**II. POLLUTANT CHARACTERISTICS**

**INSTRUCTIONS:** Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column. If the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		✓		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		✓	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	✓			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)	✓		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		✓		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		✓	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		✓		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		✓	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)				J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		✓	

**III. NAME OF FACILITY**

C	1	MCCALL OIL & CHEMICAL CORPORATION
---	---	-----------------------------------

**IV. FACILITY CONTACT**

C	2	ROGER McCall (TED) VP RISK	503	221	5880
---	---	----------------------------	-----	-----	------

**V. FACILITY MAILING ADDRESS**

C	3	5480 NW FRONT STREET
C	4	Portland

**VI. FACILITY LOCATION**

C	5	5480 NW FRONT STREET
C	6	Multnomah

CONTINUED FROM THE FRONT

**II. SIC CODES (4-digit, in order of priority)**

A. FIRST				B. SECOND			
5171 (specify) Petroleum Bulk Stations + Terminals				7 (specify)			
C. THIRD				D. FOURTH			
(specify)				(specify)			

**III. OPERATOR INFORMATION**

A. NAME		B. Is the name listed in Item VIII-A also the owner?	
EDGAR Sawyer McCall (TED)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: If "Other", specify.)		D. PHONE (area code & no.)	
F = FEDERAL S = STATE P = PRIVATE M = PUBLIC (other than federal or state) O = OTHER (specify) P (specify) Private		503 221 6400	
E. STREET OR P.O. BOX			
5480 NW FRONT AVE			
F. CITY OR TOWN		G. STATE	H. ZIP CODE
Portland		OR	97210
		IX. INDIAN LAND	
		Is the facility located on Indian lands?	
		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

**IX. EXISTING ENVIRONMENTAL PERMITS**

A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
N		P	
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
U		(specify)	
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
R		(specify)	

**XI. MAP**

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

**XII. NATURE OF BUSINESS (provide a brief description)**

**XIII. CERTIFICATION (see instructions)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Edgar S. McCall		7/15/02

**COMMENTS FOR OFFICIAL USE ONLY**

--	--



Occupational Safety & Health Administration  
U.S. Department of Labor



## SIC Description for 5171

Division F: Wholesale Trade

Major Group 51: Wholesale Trade-non-durable Goods

Industry Group 517: Petroleum And Petroleum Products

---

5171 Petroleum Bulk stations and Terminals

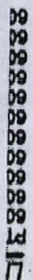
Establishments primarily engaged in the wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

- Petroleum bulk stations and terminals-wholesale

---

[ [SIC Search](#) | [Division Structure](#) | [Major Group Structure](#) | [OSHA Standards Cited](#) ]

[ [Comments & Info](#) | [OSHA Home Page](#) | [OSHA-OCIS](#) | [US DOL Web Site](#) | [Disclaimer](#) ]



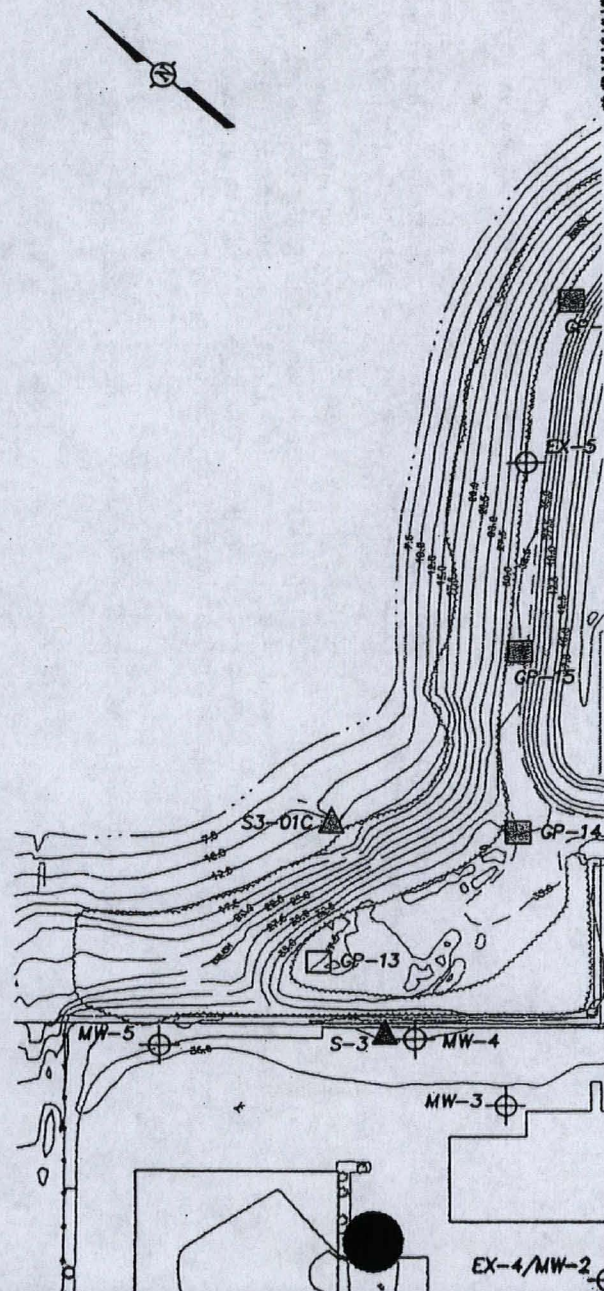
PROJECT  
NUMBER 820910-B2

APPROVED BY  
4/30/01

CHECKED BY  
4/30/01

DRAWN BY  
J. Clugston 1/10/2001

OFFICE  
Portland



# RING WELLS

EASTING	GROUND EL.	RIM EL.	TOP PVC EL.	DESCRIPTION
1158.265	35.91	35.930	35.29	MONITOR WELL EX-7
1568.183	32.34	32.350	32.07	MONITOR WELL EX-3
1883.507	33.11	33.140	32.28	MONITOR WELL EX-2
1201.793	32.14	32.190	31.87	MONITOR WELL EX-5
3883.202	35.74	35.760	35.48	MONITOR WELL MW-1
3812.937	35.25	35.270	34.56	MONITOR WELL MW-3
3806.683	34.07	34.140	33.61	MONITOR WELL MW-4
3669.241	34.99	35.050	34.66	MONITOR WELL MW-5
3767.039	35.85	35.900	35.60	MONITOR WELL MW-2
1299.654	34.83	35.070	34.38	MONITOR WELL EX-6
1249.628	36.42	36.510	36.12	MONITOR WELL EX-1

## HORIZONTAL DATUM

COORDINATES ARE ON A LOCAL PLANE AND ARE ASSUMED.

## ELEVATION DATUM

ELEVATIONS ARE BASED ON CITY OF PORTLAND BENCHMARK #2528. ELEVATION = 34.64 FEET

## LEGEND

- MONITORING WELL
- GEOPROBE BORING
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- VEGETATION
- BUILDING
- TANK

## Total LPAH Range

- ND
- < 1,000 mg/kg
- 1,000 - 10,000 mg/kg
- > 10,000 mg/kg

EX-4/MW-2

7/16/2002

Balance Due	Discount
60.00	
Check Amount	

Payment	
60.00	
60.00	

PAYMENT  
RECORD

60.00

175466 (4/02)

The completed renewal application and fee payment should be sent to:

DEQ  
2020 SW 4<sup>th</sup> Ave.. Suite 400  
Portland OR 97201  
Attn: Annic Hill

Please be advised that you will be invoiced an Annual Compliance Determination fee in June of each year as long as this permit is in effect.

If you have any questions regarding the renewal application or the associated fees, please call me at (503) 556-2128.

GROSS AMOUNT		29-5438.	60.00
ACCT#	6890158 -		60-
Filing Fee			
DESCRIPTION	ENCLOSURE	PREPARE SR	DATE 7/16/80

cc: Rene Dulay, DEQ Northwest Region  
File

Sincerely,

Annie Hill

Annie Hill, Permits Coordinator  
Water Quality Source Control  
Northwest Region

Reue Dule = (503) 229-5160

Dept. of Environmental Quality  
Date 07/16/2002 Type Bill Reference processing fee

Original Amt.  
40.00

7/16/2002  
Balance Due 40.00  
Discount  
Check Amount

Payment  
40.00  
40.00

PAYMENT  
RECORD

WF - Texas - McCall Adm Re: NPDES Permit No. 500 - processing fee

40.00

175466 (4/02)

Our records indicate that your present National Pollutant Discharge Elimination System (NPDES) wastewater disposal permit will expire on July 31, 2002.

For permit renewal, the enclosed application form must be completed, signed by the legally authorized official, and returned to the Department of Environmental Quality as soon as possible. Except for government agencies and private individuals, the official name of the applicant must reflect the legal name (not the assumed business name) of the business as it is currently registered with the Corporation Division of the Secretary of State at (503) 986-2200.

A filing fee of \$60 and a processing fee of \$40 are required to accompany the enclosed application. If modification of effluent limits is being requested by the application, the amount of the application processing fee will increase. No action can be taken on the application until the fees are paid.

The completed renewal application and fee payment should be sent to:

DEQ  
2020 SW 4<sup>th</sup> Ave., Suite 400  
Portland OR 97201  
Attn: Annie Hill

Please be advised that you will be invoiced an Annual Compliance Determination fee in June of each year as long as this permit is in effect.

If you have any questions regarding the renewal application or the associated fees, please call me at (503) 229-5438.

GROSS AMOUNT		40.00
ACCT#	6890158-	40
DESCRIPTION		processing fee SR
Enclosure	PREPARE	7/16/02
cc: Rene Dula, DEQ Northwest Region		
File		

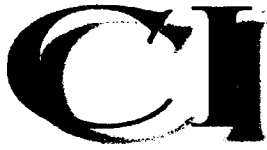
Sincerely,

Annie Hill

Annie Hill, Permits Coordinator  
Water Quality Source Control  
Northwest Region

Renew Date = (503) 229-5160

COPY


**COLUMBIA INSPECTION, INC.**

U.S Customs Approved Gaugers  
Petroleum and Environmental Laboratory  
Tank Calibrations

**INVOICE**  
Page 1 of 1

078

**McCall Oil And Chemical Corp.**  
5480 N.W. Front Avenue  
Portland, OR 97210  
Attn: Ron Brown

Invoice Number:  
5207135

Invoice Date:  
07/30/02

Terms:  
Net 15 Days

Project Number  
[none]

PO Number  
NA

Received  
07/17/02

Project  
Annual Discharge Report

Work Order(s)  
2071705

Comments

Client  
McCall Oil And Chemical Corp.

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
1	AMMONIA DISTILLATION [10 day]	Water	\$50.00	\$50.00
1	BOD [10 day]	Water	\$45.00	\$45.00
1	COD [10 day]	Water	\$30.00	\$30.00
1	O & G, TOTAL (HEM) [10 day]	Water	\$50.00	\$50.00
1	PH [10 day]	Water	\$10.00	\$10.00
1	RESIDUAL CHLORINE 1 [10 day]	Water	\$25.00	\$25.00
1	SUSPENDED SOLIDS [10 day]	Water	\$22.00	\$22.00
1	TOC [10 day]	Water	\$45.00	\$45.00

Invoice Total: \$277.00

COLUMBIA INSPECTION, INC 7133 N. Lombard, Portland, OR 97203 Phone:(503) 286-9464 Fax:(503) 286-5355 E-mail:lab@ColumbiaInspection.com

All work performed is subject to the terms and conditions of our current schedule of rates. Liability is limited to the amount of this invoice.

**Terms - Net 15 Days**

*Thank you for doing business with Columbia Inspection*

Please state invoice number and remit to:

**Columbia Inspection, Inc.**  
PO Box 83569, St. Johns Station  
Portland, OR 97283



# CERTIFICATE OF ANALYSIS

COPY

CLIENT: McCall Oil And Chemical Corp.  
5480 N.W. Front Avenue  
Portland OR, 97210  
ATTN: Ted McCall

PROJECT NAME: Annual Discharge Report

PHONE: (503) 221-5880  
FAX: (503) 221-5882

SUBMITTED: 07/17/02 16:23

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
2071705-01	Separator Grab	07/17/2002	1145	Water

REPORT DATE: 07/29/02 13:52

REPORT NUMBER: 2071705

PAGE: 1 OF 1

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME
2071705-01	SAMPLE ID: Separator Grab						
General Bench Analysis							
AMMONIA DISTILLATION	EPA 350.2	AMMONIA NITROGEN	ND	mg/L	0.20	RGR	07/29/2002 12:25
BOD	EPA 405.1	5-DAY BOD TEST	ND	mg/L	10	DR	07/23/2002 13:00
COD	EPA 410.4	CHEMICAL OXYGEN DEMAND	17	mg/L	10	RGR	07/29/2002 09:21
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	ND	mg/L	2.00	CX	07/23/2002 11:39
PH	EPA 150.1/9040	pH	6.61	SU		DR	07/17/2002 16:44
RESIDUAL CHLORINE 1	EPA 330.4	RESIDUAL CHLORINE	ND	mg/L	0.10	DR	07/17/2002 16:46
SUSPENDED SOLIDS	EPA 160.2	TOTAL SUSPENDED SOLIDS	14	mg/L	1.0	DR	07/26/2002 08:05
TOC	EPA 415.1	TOTAL ORGANIC CARBON	4.2	mg/L	0.50	RGR	07/29/2002 13:55

This report may not be reproduced except in full.

Authorized for Release By: David T. Back

David T. Back - Quality/Systems Manager

**Columbia Inspection, Inc.**

Members of ASTM & API  
U.S. Customs Certified Gauger and Laboratory

**DATE:** 07/29/2002  
**CLIENT:** McCall Oil And Chemical Corp.  
5480 N.W. Front Avenue  
Portland OR, 97210

**ATTN:** Ted McCall  
**FAX:** (503) 221-5882

Transmittal of the following number of pages: 1

**Fax Transmittal from the office at:**

**Portland**  
**7133 N. Lombard**  
**Portland, OR 97203**  
**(503) 286-9464**  
**FAX (503) 285-7831**

**Other office locations:**

Tacoma	San Francisco	Los Angeles
4902 20th E	613 Escobar St.	790 Basin St.
Fife, WA 98424	Martinez, CA 94553	San Pedro, CA 90731
(253) 922-8781	(925) 229-0360	(310) 833-1557
FAX(253) 922-8957	FAX (925) 229-2821	FAX (310) 833-1585

**CONFIDENTIALITY NOTICE:**

The documents included in this facsimile from Columbia Inspection contain information that is confidential or privileged, or both and is intended only for the use of the individual or entity named on this facsimile cover letter. Any disclosure, copying, distribution, dissemination, or use of this information by any person other than the intended recipient is prohibited. All analytical reports, interpretations, or information faxed by Columbia Inspection, Inc are considered as preliminary data only. Columbia Inspection will not guarantee or assume any responsibility for the following transmission of data to circumstances surrounding the legibility of facsimiles. If the facsimile is not legible, please verify the data by telephone or examination of the final report. If you received this facsimile in error, please notify us immediately by phone at 503-286-9464.

MCCALL OIL & CHEMICAL CORPORATION

51708

Dept. of Enviromental Quality

Date	Type	Reference
02/26/2002	Bill	WQ02IND-1468

Original Amt.  
55.00

Balance Due  
55.00

3/29/2002

Discount

Check Amount

Payment
55.00
55.00

PAYMENT  
RECORD

WF - Texas - McCall Adm Source #54175/A

55.00



State of Oregon  
Department of Environmental Quality  
**Supplemental Invoice**

Water Quality Annual Compliance Determination Fee  
For Fiscal Year 2002: July 1, 2001 through June 30, 2002

TO: ACCOUNTS PAYABLE  
MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW Front Ave  
Portland, OR 97210-1198

FOR: Source #54175/A  
MCCALL MARINE TERMINAL  
5480 N.W. FRONT AVENUE  
PORTLAND

Region: NWR  
County: MULTNOMAH

Invoice Number: **WQ02IND-1228**  
Invoice Date: 02-26-2002  
Invoice Due Date: **03-31-2002**

Permit Number:	500	Original Invoice: WQ02IND-0447	\$275.00
Permit Type	GEN05	Payment(s):	275.00
Basis for Fee Amount:	General: Boiler Blowdown	Due on Original:	\$0.00
Ownership:	PRIVATE	Additional Amount:	55.00
		Total Due:	\$55.00

If this source has not begun operating, is no longer operating, or if the permit is no longer needed, contact us in writing by March 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: [ross.valerie@deq.state.or.us](mailto:ross.valerie@deq.state.or.us); Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
*Cut here and return this portion with your payment.*

Remit and make checks payable to:  
Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175/A, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL  
Invoice Number: **WQ02IND-1228**  
Amount Due: **\$55.00**

Amount Enclosed: \_\_\_\_\_

- ☐ Check here if your address or phone number has changed and write your new information on the back of this portion.
- ☐ Check here if facility has been sold or the name has changed  
Change forms may be found on our web site:  
<http://www.deq.state.or.us/wq/>  
or you may contact your local DEQ office.





State of Oregon  
Department of Environmental Quality  
**Supplemental Invoice**

Water Quality Annual Compliance Determination Fee  
For Fiscal Year 2002: July 1, 2001 through June 30, 2002

TO: ACCOUNTS PAYABLE  
MCCALL OIL AND CHEMICAL CORPORATION  
5480 NW Front Ave  
Portland, OR 97210-1198

FOR: Source #54175/A  
MCCALL MARINE TERMINAL  
5480 N.W. FRONT AVENUE  
PORTLAND

Invoice Number: **WQ02IND-1468**  
Invoice Date: 02-26-2002  
Invoice Due Date: **03-31-2002**

Region: NWR  
County: MULTNOMAH

Permit Number:	1300	Original Invoice: WQ02IND-0446	\$275.00
Permit Type	GEN13	Payment(s):	275.00
Basis for Fee Amount:	General: Oily Stormwater Runoff	Due on Original:	\$0.00
Ownership:	PRIVATE	Additional Amount:	55.00
		Total Due:	\$55.00

If this source has not begun operating, is no longer operating, or if the permit is no longer needed, contact us in writing by March 31st with the signature of your legally authorized representative.

Valerie A. Ross: DEQ Water Quality, 811 SW Sixth Avenue, Portland, OR 97204-1390  
E-mail: ross.valerie@deq.state.or.us; Phone: 503-229-5437; TTY 503-229-6993; Fax: 503-229-5408

-----  
*Cut here and return this portion with your payment.*

Remit and make checks payable to:  
Department of Environmental Quality  
Attention: Business Office  
811 SW Sixth Avenue  
Portland OR 97204-1390

#54175/A, NWR Region, MULTNOMAH County  
MCCALL MARINE TERMINAL  
Invoice Number: **WQ02IND-1468**  
Amount Due: **\$55.00**

Amount Enclosed: \_\_\_\_\_

- ☐ Check here if your address or phone number has changed and write your new information on the back of this portion.
- ☐ Check here if facility has been sold or the name has changed  
Change forms may be found on our web site:  
<http://www.deq.state.or.us/wq/>  
or you may contact your local DEQ office.



# Supplemental Invoice

## Attention: All WPCF and NPDES permit holders!

On January 25, 2002, the Environmental Quality Commission approved a request by the Oregon Department of Environmental Quality for a 20% increase to WPCF and NPDES permit fees. This increase, also reviewed and approved by the 2001 Oregon Legislature, is necessary to maintain the current operations of Oregon's permit program and to protect Oregon's water quality.

Below is a list of commonly asked questions about this fee increase.



State of Oregon  
Department of  
Environmental  
Quality

Water Quality  
811 SW 6<sup>th</sup> Ave.  
Portland, OR 97204  
Phone: (503) 229-5696  
Toll free in OR  
(800) 452-4011  
Fax: (503) 229-5850

[www.deq.state.or.us](http://www.deq.state.or.us)

### Why is DEQ increasing last year's fee?

The 2001 Oregon Legislature approved the fee increase starting Fiscal Year 2002 (July 1, 2001 to June 30, 2002). Rules to implement the increase were just completed resulting in this supplemental invoice. DEQ could not afford to postpone the increase to Fiscal Year 2003 and still maintain operation of the permit program at its current service level.

*Included with this letter is an invoice for the 20% increase for FY 2002. This invoice does not include your fee for FY 2003. The FY 2003 invoice will be mailed to you at a later date and will include the 20% increase.*

### Why do I have to pay more?

DEQ needs to increase permit fees because of inflation and insufficient increases in federal and state funding. Without this increase, the permit program could not operate at its current service level. DEQ did reduce the amount of the fee increase by transferring funds from other programs to the permit program. However, since fees were last increased for industrial permittees in 1997 and domestic (sewage) permittees in 1992, this transfer of funds was not enough to avoid a fee increase.

### Did DEQ notify Oregon businesses?

Between September 26, 2001 and November 16, 2001, DEQ hosted a public comment period in which each permit holder was notified of the then proposed increase. Several hearings were advertised and held in Medford, Eugene, Bend, Pendleton, and Portland to obtain input from our valued permit holders and other interested parties.

### Who can I talk to for additional information?

*Invoice questions:* Valerie Ross (503) 229-5437

[ross.valerie@deq.state.or.us](mailto:ross.valerie@deq.state.or.us)

*General questions:* Ranei Nomura (503) 229-5657

[nomura.ranei@deq.state.or.us](mailto:nomura.ranei@deq.state.or.us)

You may also call toll free in Oregon at (800) 452-4011.

## RETURN APPLICATION TO:

DEPARTMENT OF ENVIRONMENTAL  
QUALITYBusiness Office  
811 S.W. Sixth Avenue  
Portland, OR 97204  
(503) 229-5269

## APPLICATION

FOR RENEWAL OF  
NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM PERMIT (NPDES-R)

STATE OF OREGON

## DEQ USE ONLY

Appl. No.:

File No.:

Received:

WQ EPA No. OR-

## A. REFERENCE INFORMATION

McCall Oil and Chemical Corporation

Official Name of Applicant (Owner)

McCall Marine Terminal

Facility Name

5480 N.W. Front Ave.

Mailing Address

Portland

Oregon

97210

City

State

Zip

David Baugher

Responsible Official

Terminal Manager

Title

5480 N.W. Front Ave

503-221-5755

Address or Location

Phone

Present Permit No.:

0500-J

Date Expires:

07-31-96

Enter Site Location by Latitude and Longitude:

LATITUDE			LONGITUDE		
1. Deg.	2. Min.	3. Sec.	1. Deg.	2. Min.	3. Sec.
45	33	40	122	43	03

Vance Stasna

Alternate Responsible Official or Chief Operator

Senior Foreman

Title

5480 N.W. Front Ave.

503-221-5755

Address or Location

Phone

Description of activities requiring a permit from the Department: (Check all that apply.)

☐ Construct, install or modify waste collection, treatment, or disposal facilities.☐ Operate waste collection, treatment, or disposal facilities.☐ Discharge treated wastewaters into the waters of \_\_\_\_\_☒ (Other) Discharge of Continuous/Intermittent Boiler Blowdown (Batched into 500 gallon tank)

## B. GENERAL QUESTIONS

1. Have the treatment or disposal methods employed, as indicated in previous applications, been altered in any way since the last application was submitted?

☐ Yes ☒ No (If yes, explain.)2. Has the quantity or quality of wastes discharged, as indicated in previous applications, been significantly changed in any way since the last application was submitted? ☐ Yes ☒ No (If yes, explain.)

## C. SPECIAL QUESTIONS AND REQUESTED INFORMATION

1. If any changes in operations or waste quantity or quality are anticipated in the near future, please attach an explanation or proposal.

2. Please attach a brief report which indicates your progress in meeting the requirements and limitations of your present permit.

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Signature of Owner

(Or Legally Authorized Representative)

President

Title

Date

Form  
**2E**  
NPDES



# Facilities Which Do Not Discharge Process Wastewater

## I. Receiving Waters

For this outfall, list the latitude and longitude, and name of the receiving water(s).

Outfall Number (list)	Latitude			Longitude			Receiving Water (name)
	Deg	Min	Sec	Deg	Min	Sec	
1	45	33	40	122	43	03	Willamette River

## II. Discharge Date (If a new discharger, the date you expect to begin discharging)

NA

## III. Type of Waste

A. Check the box(es) indicating the general type(s) of wastes discharged.

☐ Sanitary Wastes ☐ Restaurant or Cafeteria Wastes ☐ Noncontact Cooling Water ☒ Other Nonprocess Wastewater (Identify) **Batch Treated Continuous Boiler Blowdown**

B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.

Sodium bisulfate is used to adjust typical pH of 11.0-11.4 to the permitted level of 6.0-9.0.

## IV. Effluent Characteristics

A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).

B. New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).

Pollutant or Parameter	(1) Maximum Daily Value (include units)		(2) Average Daily Value (last year) (include units)		(3) Number of Measurements Taken (last year)	(4) Source of Estimate (if new discharger)
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD)			.05004 lbs.	12 mg/L	0	
Total Suspended Solids (TSS)			.12427 lbs.	29.8 ppm	12	
Fecal Coliform (if believed present or if sanitary waste is discharged)			NA	NA	NA	
Total Residual Chlorine (if chlorine is used)			NA	NA	NA	
Oil and Grease			.00209 lbs.	.5 ppm	0	
*Chemical oxygen demand (COD)			.24103 lbs.	57.8 mg/L	0	
*Total organic carbon (TOC)			.10008 lbs.	24.0 ppm	0	
Ammonia (as N)			NA	NA	NA	
Discharge Flow	Value		Approx. 7 gpm		365	
pH (give range)	Value		7.6		12	
Temperature (Winter)		°C		°C		
Temperature (Summer)		°C		°C		

\*If noncontact cooling water is discharged

V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal?

If yes, briefly describe the frequency of flow and duration.



Yes



No

Continuous/intermittent boiler blowdown water is gravity discharged in 500 gallon batches approximately every 24 hours. Discharge time for a 500 gallon batch is approximately 72 minutes.

VI. Treatment System (Describe briefly any treatment system(s) used or to be used)

Continuous/intermittent boiler blowdown water is chemically treated with Sodium bisulfate to adjust the pH to the permitted range of 6.0-9.0. The pH is measured prior to adding Sodium bisulfate, Sodium bisulfate is added and mixed in by either air or by tank circulation, and the pH is remeasured. Once the permitted pH is obtained, the water is gravity discharged through a 25 micron filter and meter.

VII. Other Information (Optional)

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations. Attach additional sheets, if necessary.

VIII. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title

Frank D. Moore, President

B. Phone No. (area code & no.)

503-221-6400

C. Signature



D. Date Signed

3-15-96